

CV & Resume Sample

CV与Resume的区别：

CV与Resume 都统称简历，但二者实有区别。简单来说，求职一般用Resume；申请学校一般用CV。CV更强调学术背景；Resume强调个人经历与能力，但有时也不做区分。

有的学校要求的CV，有的学校要求的是Resume，但其实你都应该将简历写成CV的形式，而不是Resume的形式。

CV不应该超过2页，超过2页的CV最好做一做精简。

本文档共含20份CV样本，有国外申请者的CV，也有国内留学生的CV，注意了！

注意：本样本只做参考，切勿抄袭、模仿、剽窃

Resume: Bradley M Andrews

Contact:

brad.andrews@gmail.com

Education:

- 1998. **Stanford University**. BA in Psychology. Significant coursework in Computer Science (Object Oriented Systems Design, Data Structures, Java Programming, Internet and Socket Programming).
- 2005-2007 (anticipated). **UC Berkeley**. Masters of Information Management. Significant coursework in Computer Science (Operating System Programming, Networking)

Technical Competencies:

- **Languages:** Java, Javascript, Perl, HTML, C++, C, XML/XSL, SNMP
- **Programming Methodologies:** Fundamentals of OO design, Spiral Model for software development
- **Databases:** Postgres, Oracle, Sybase, MySQL
- **Web Technologies:** Apache, Java Servlets, Perl CGI, HTML
- **Systems Administration:** Windows XP/2000, Linux, Solaris, Mac OSX
- **Services:** web, dns, dhcp, firewall, network management, wireless network implementation

Experience:

Teaching Assistant, Info Systems 250 – Computer-Based Communications Systems and Networks, UC Berkeley. Berkeley, CA. 1/2006-present.

- Hold weekly office hours for a graduate class on computer networks.
- Grade assignments and exams, answer questions, meet regularly with the professor.

Programmer / Analyst, Residential and Student Service Programs, UC Berkeley. Berkeley, CA. 7/2005-present.

- As a part-time employee, participate in departmental web and database software development efforts.
- Code various applications in Java, PHP, ColdFusion, and ASP.
- Serve as project manager for various software development and integration projects.

Manager, Residential Computing, UC Berkeley. Berkeley, CA. 6/2002 – 12/2002, 9/2003-6/2005.

- Serve as the General Manager of the Office of Residential Computing in Housing and Dining Services at UC Berkeley, which supports networking and computing in Berkeley's residence halls. Residential Computing employs almost 50 people and has annual budgets of approximately \$350k (staffing), \$60k (operations), and \$100-\$300k (projects).
- Directly supervise 5 employees. Resolve conflicts and ensure effective collaboration between a widely diverse staff with sometimes competing priorities.
- Responsible for all aspects of customer service, consulting support, technical support, and staff development and training in support of over 6,000 clients on our broadband network and over 150 managed desktop workstations (Macintosh, Windows, and Linux).
- Oversee systems and software development efforts on mostly Linux and BSD systems that provide critical services such as file sharing, http, dhcp, and dns.
- Manage web and print marketing campaigns for client outreach and education.
- Work closely with other staff in Housing and Dining IT Management and across campus on IT committees on technical, project management, wireless networking, and security issues.

Systems Manager, Residential Computing, UC Berkeley. Berkeley, CA. 12/2000 – 5/2002, 1/2003-8/2003.

- Managed systems and software development efforts of the Office of Residential Computing in Housing and Dining Services at UC Berkeley, which supports networking and computing in Berkeley's residence halls.
- Directed a staff of 10 system administrators and programmers responsible for maintaining mostly Linux and BSD systems that provide critical services such as http, database, dhcp, and dns.
- Managed a staff of 6 technical consultants that provide hardware, software, and networking support to over 150 desktop workstations and servers running Windows XP, MacOS X, and Linux. Planned long-term technical strategies as well as short-term troubleshooting and analysis.
- Supervised and participated in the development of a wide range of database-driven software in an object-oriented Perl environment with Postgres / Oracle database and both web and command-line interfaces.
- Coded a network management system to cover approximately 6,000 nodes using SNMP with Perl objects in the middle and a web front-end.
- Designed and implemented a cookies-based authentication scheme for internal ops website.

- Implemented department-wide documentation effort. This effort greatly enhanced our technical documentation and has served as a resource for staff during various staff transitions and project handoffs.
- Created and implemented requirements-driven software development model based on the spiral programming methodology that improved our process while dovetailing nicely with existing project management tools.
- Installed, upgraded, troubleshooted, and repaired a network of mostly Cisco equipment that serves over 6,000 users.
- Worked closely with other staff in Housing and Dining IT and across campus on IT committees and working groups.

Teacher, Adams Middle School, WCCUSD. Richmond, CA. 8/2000 – 6/2001.

- Taught 5 classes as full-time teacher in a 35-computer lab.
- Developed a year's curriculum of beginning and intermediate computer literacy for 6-8th graders.
- Served as IT resource for the entire school.

Director of Software Development, Residential Computing, Stanford University. Palo Alto, CA. 9/1998-8/2000.

- Principal software architect in the Residential Computing Department of Stanford University, which supports networking and computing in Stanford's residence halls.
- Managed software development efforts, including a staff of 6 developers.
- Developed and maintained a large code collection of Perl, C, Java, Javascript, and HTML. Developed and maintained online database systems including Sybase, Oracle, MySQL, and Filemaker.
- Developed a tiered survey application with Java Servlet, Java Applet, and standard web (DHTML) components. Database objects served as the model for all three components (survey taking application, survey creation application, and results reporting applet).
- Created a Java Servlet-based network registration system with web front end for use by over 6,000 clients and 50 internal staff.
- Implemented a Perl-based Human Resources tracking (Recruitment, Hiring and Training) system with web front end.
- Spent months reorganizing the departmental code base, cleaning up spaghetti code and unifying libraries to enable better team development and maintainability.
- Served as Web designer and Webmaster for both static and dynamic (cgi / servlets) web content.
- Worked with a diverse community including administrators, students, and other technical co-workers inside and outside the university.

Intern, Sun Microsystems. Menlo Park, CA. 5/1998-9/1998.

- Administered a network of Sun SPARC, Intel Pentium, and Apple Macintosh computers in the Human-Computer Interaction (HCI) Labs at Sun Microsystems.
- Wrote a Perl CGI-based web calendaring system that interfaced with the corporate scheduling system.
- Configured systems, administered network information databases, activated subnets using hubs, routers, and patch panels, and maintained and used professional-grade video production equipment in recording studios.
- Coordinated projects with co-workers and administrators from other departments around Sun.

Instructor, CS196 - Microcomputer Consulting, Stanford University. Palo Alto, CA. 9/1997-6/1998.

- Gave lectures, prepared curriculum, planned laboratories assignments, administered class online resources, and assigned grades in a class of 30 students.

Teaching Assistant, Psych 140 – Sleep and Dreams, Stanford University. Palo Alto, CA. 1/1994-3/1995.

- Conducted weekly sections for an undergraduate class on sleep biology and research.
- Graded assignments and exams, answered questions, attended weekly TA meetings.

CALVERT W. JONES

cjones@sims.berkeley.edu

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www.sims.berkeley.edu/~cjones

Education

Ph.D. School of Information Management & Systems

University of California, Berkeley

September 2004 - May 2006 (M.I.M.S. expected), May 2009 (Ph.D. expected)

4.0 GPA

B.A. cum laude, Columbia College, Columbia University, New York, NY, May 2003

Philosophy major, computer science concentration

3.7 GPA, Dean's list

Humboldt University, Technical University, and Free University, Berlin, Germany, Spring 2002

Under the auspices of Columbia's Berlin Consortium, took advanced undergraduate courses in law and philosophy taught in German; 4.0 GPA

Goethe Institut, Frankfurt, Germany, Summer 2001

8 week super-intensive German language course

Awarded highest grade of *Sehr Gut* on *Zertifikat Deutsch* examination

Instituto Internacional, Madrid, Spain, Summer 2000

6 week NYU-sponsored study abroad program

Successfully completed intensive study of Spanish language and literature

Employment

Researcher, Markle Foundation, New York, June-August 2005

Collaborated with Stefaan Verhulst (Chief of Research) and the Task Force on National Security in the Information Age to research American intelligence reorganization, conceptual approaches to terrorism, and information-sharing provisions to support a newly decentralized national security community.

Research Assistant, Hoover Institution, Stanford University, January-April 2005

Carried out research for Judge Abraham Sofaer, a Senior Fellow in Foreign Policy and National Security Affairs, in preparation for a conference on state responses to transnational cyber-threats hosted by Carnegie Mellon University and the Georgia Institute of Technology.

Research Assistant, World Learning, Washington, DC; Vietnam; and the Balkans. September 2003 – August 2004

Conducted research on country conditions; wrote grant proposals, capacity statements, and policy papers for publication; helped coordinate the organization's October 2003 conference in the U.K.; and provided assistance for worldwide projects. Successful work in Washington, DC led to two overseas assignments:

- Hanoi, Vietnam (4 weeks). Worked with Dr. Ann Hudock, Senior Advisor for Democracy and Governance, to develop new projects in Vietnam.
- Kosovo, Bosnia-Herzegovina, and Croatia (8 weeks). Worked with Jill Benderly, Co-Director of STAR, a ten-year regional program to promote women's economic and political development in the post-Yugoslav republics. Served as principal writer and researcher on two successful grant proposals to USAID.

Program Manager Associate, Computer Ethics Institute (CEI), Washington, DC, October 2003 – July 2004 (part-time)

Worked with Dr. Ramon Barquin, director of the Computer Ethics Institute, affiliated with the Brookings Institution. Developed grant proposals and edited publications, most recently on the challenges of information-sharing in the digital era.

Teaching Assistant, Johns Hopkins University Center for Talented Youth (CTY), Summer 2003

Served as teaching assistant for two college-level courses in computer science (Data Structures and Algorithms) and philosophy (Logic: Principles of Reasoning). Each course was offered in an intensive 3-week, residential format with 7 hours of class per day.

Academic Achievements and Recognitions

- SIMS Fellowship recipient for first year of graduate education.
- Awarded departmental honors at Columbia University: a committee of professors reviews the academic records of graduating philosophy majors every year, and selects no more than 10% to receive departmental honors; undergraduate honors thesis - "*Discipline and Punish* Online: The Disembodiment of Computer Crime."
- Won Columbia's Literary Essay Contest for writing and researching "Cowboys and Indians in East Berlin," a personal essay on post-unification Berlin, 2002.
- Accepted by the Berlin Consortium to enroll in German universities to study philosophy, 2002.
- Elected Vice President to Columbia's award-winning undergraduate Mock Trial team, 2000-2001; individual awards include Outstanding Attorney Award (American Mock Trial Regional Tournament, 2001), All American Witness Award (National Championship Intercollegiate Mock Trial Tournament, 2000), Outstanding Witness Award, (American Mock Trial Regional Tournament, 2000) and 5th Place Attorney Award (Ivy League Invitational Mock Trial Tournament, Yale University, 1999)
- Accepted into the Center for Talented Youth (CTY) administered by Johns Hopkins University.

Research and Presentations

Jones, C.W. "Al Qaeda's Innovative Improvisers: Consequences of the Network Structure for Innovation and Learning in Global Politics." Submitted for publication (18 September 2005), *Cambridge Review of International Affairs*.

Jones, C.W. "Online Impression Management: Case studies of activist Web sites and their credibility enhancing tactics during the Kosovo war." (Presented at the University of Oxford, Oxford Internet Institute, "Safety and Security in a Networked World," 8-10 September 2005).

Hudock, A., and Jones, C.W. *Democratizing the Media* (2003). Surveys and critiques media sector support around the world, developed out of a paper presented to the Ford Foundation and Aspen Institute in October 2003.

The Challenge of Information Sharing: Balancing National Security and Civil Liberties in the Post-9/11 Era (2003). Assisted in editing for this report on information-sharing strategies, published by the Brookings Institution ITS, Computer Ethics Institute, and Ascential Software Corporation.

Skills

- Strong writing ability (97th percentile on verbal GRE; 6.0 on analytical writing portion of GRE; 99th percentile on verbal SAT).
- Strong presentation and public speaking skills demonstrated through experience and awards in Mock Trial program.
- Proficiency in German and Spanish, and strong ability and interest in learning foreign languages.
- Facility with technology and computers. Technical skills include Web site development, Java programming, database development, and some software engineering.
- Strong skills in mathematics, statistics, and data analysis. Successfully completed a range of advanced math courses at Columbia, including multivariable calculus, differential equations, and discrete math.
- Event planning and conference facilitation skills. Served as the principal conference organizer for World Learning's "Connecting and Lessons Learned" conference in Brighton, UK in October 2003
- Adaptability to foreign cultures and experience living abroad. Lived in Japan, Germany, and Spain, and have been assigned to work in Vietnam and the Balkans; traveled extensively throughout Asia, North Africa, Europe, and Central America.

References

Available upon request

Carrie Burgener

carrie@sims.berkeley.edu ~ carrie@parsons.edu ~ 715.252.3727

Education:

Current : University of California Berkeley - Berkeley, CA

Masters Student: School of Information Management and Systems

Expected Graduation: Spring 2006

2001-2003: Parsons School of Design – New York, NY

Master of Fine Arts: Design and Technology Software/Courses: Flash, Flash Action Script, MySQL, PHP, Director, Lingo Programming, Designing Education, Designed Play, Collaboration Studio, and Spectacular Experiences in Media

Thesis: Jot: a tool for collaborative information capture.

Development Site: <http://a.parsons.edu/~carrie/thesis>

GPA: 3.81

1997 - 2001: University of Wisconsin Stevens Point – Stevens Point, WI

Bachelors of Science: Computer Information Systems: Software/Courses: C++, Visual Basic, ASP, Access, Excel, Word, Systems Analysis and Design, Computer Hardware and Networking, Database Design (with personal Oracle)

Minor: Technology and New Media Art: Software/Courses: Web Design, Flash, 3DStudio Max, and an independent study creating a virtual tour of the UWSP campus in Macromedia Flash

Graduated Cum Laude

GPA: 3.54

Experience:

Teaching/Instruction:

Spring 2004 & Summer 2004: University of Wisconsin Stevens Point – Stevens Point, WI

Assistant Professor: Web and Digital Media Development (WDMD) major in the Mathematics and Computing Department. Taught courses including, Digital Media Creation, 3-D Computer Graphics, and A Survey of Internet, Technology and New Media Arts. Served on the WDMD curriculum committee. Of special note: Taught the first senior seminar/project course. Students worked in a team of five to develop a real world project from start to finish.

Fall 2003 & 2002: Parsons School of Design – New York, NY

(2003) Adjunct Professor: taught two required BFA in Design and Technology Multimedia Programming courses. The classes focused on programming fundamentals for new media artists projects were developed using Flash ActionScript.

(2002) Instructor: undergraduate elective course, Multimedia with Director.

Summer 2002: Parsons School of Design – New York, NY

(2002) Instructor: Code Instructor for MFADT Digital Boot Camp.

Boot camp is a summer intensive to prepare new MFADT students for the fall. Taught using Design by Numbers and Flash Action Script

Spring 2002/Fall 2002: Parsons School of Design – New York, NY

Teachers Assistant: Responsible for teaching a lab section of the graduate Programming and Computation class. Topics included: basic C programming, construction of gates using bread boards, computer hardware, as well as others.

Design & Technical:

Summer 2005: Yahoo Research Lab Berkeley - Berkeley, CA

Internship: Interaction Design, working with time-based tagging systems, and mobile applications. Team Lead for User Experience Design group <http://research.yahoo.com/berkeley/>

Summer 2004 – Summer 2005: University of California Berkeley – Berkeley, CA

Graduate Research Assistant for Garage Cinema Research: Started as a Mobile Media Metadata 2 (MMM2) Interaction Design Team member. Team lead for the continued research of MMM2 during the 2004-2005 school year and the summer of 2005.

October – November 2003: Atlantic Records – New York, NY

Contract Developer: Developed web-based projects including photo galleries for bands, php back-end scripts for Flash Movies, and a suite of production scheduling tools. Worked with technologies including, MySQL, Flash, Action Script, ASP, PHP and XML.

Spring 2003: Parsons School of Design – New York, NY

Student Council Member: Chair of Thesis Show Website Committee.

Worked with a team of five to develop a website to showcase the work that was being displayed at the thesis show. Also acted as the lead programmer, developing the database, data entry pages, and the thesis website itself. <http://a.parsons.edu/~show2003>

Student Council Member: Member of the Thesis Show Catalog Committee.

Collaborated with team members to produce a printed catalog of thesis work. Developed a database system that allowed MFADT students to input the information required in the catalog.

Summer 2002: New York Immigration Coalition – New York, NY

Internship: Worked collaboratively with three MFADT students on a data-driven website using PHP and MySQL.

1999/2000 Summers: Marshfield Clinic – Marshfield, WI

Programmer Analyst Internship: Worked collaboratively with a mentor to create Graphic User Interface (GUIs) programs in Visual C++.

Publications & Art Installations:

November 16 & November 30, 2005: The Pacific Film Archive, Busy Signals: Telephonic Art in Motion

Designed and developed an art installation enabling the audience to share pictures taken during the show or taken previously with other audience members. The photos were then displayed on the 12-foot screen provided at the archive. (group members: Carrie Burgener & Benjamin Hill)

ACMMM 2005: Mobile Media Metadata for Media Sharing

Marc Davis, John Canny, Nancy Van House, Nathan Good, Simon King, Rahul Nair, Carrie Burgener, Bruce Rinehart, Rachel Strickland, Guy Campbell, Scott Fisher, and Nick Reid. "MMM2: Mobile Media Metadata for Media Sharing (Video Description)." In: *Proceedings of 13th Annual ACM International Conference on Multimedia (MM 2005) in Singapore*, ACM Press, 2005.

CHI 2005: Mobile Media Metadata for Media Sharing (Paper)

Marc Davis, Nancy Van House, Jeff Towle, Simon King, Shane Ahern, Carrie Burgener, Dan Perkel, Megan Finn, Vijay Viswanathan, and Matthew Rothenberg. "MMM2: Mobile Media Metadata for Media Sharing." In: *Extended Abstracts of the Conference on Human Factors in Computing Systems (CHI 2005) in Portland, Oregon*, ACM Press, 1335-1338, 2005.

CHI 2005: Mobile Media Metadata for Media Sharing (Video)

Marc Davis, John Canny, Nancy Van House, Nathan Good, Simon King, Rahul Nair, Carrie Burgener, Bruce Rinehart, Rachel Strickland, Guy Campbell, Scott Fisher, and Nick Reid. "MMM2: Mobile Media Metadata for Media Sharing (Video)." In: *Proceedings of 13th Annual ACM International Conference on Multimedia (MM 2005) in Singapore*, ACM Press, 2005.

Spring 2003: Masters of Fine Art: Design and Technology Thesis Show

Exhibited my thesis project "Jot" in the MFADT Show, at the Parsons School of Design gallery.

Summer 2002: Design and Technology Show at Rockefeller Center

Video of a full-body, physical, two player game called "Sniffer" was displayed during the exhibition.

Recognition:

November 2005: Busy Signals: Telephonic Art in Motion Show at Pacific Film Archive Written up on rhizome.org:

<http://rhizome.org/thread.rhiz?thread=19247&page=1#36646>

CHI 2005: Mobile Media Metadata for Media Sharing (Video): Won best video at ACMMM 2005.

Fall 2004: University of California Berkeley Masters Fellowship: Fellowship recipient for the 2005-2006 school year

April 2003: Metropolis Magazine Article "If These Walls Could Respond"

Group project developed during the fall of 2002 studying responsive architecture.

Spring 2003: Center for New Design: Exceptional Thesis Project Presentation

One of three MFADT students to asked to participate in an open presentation to the New School/Parsons community.

Curriculum Vitae

Jiangping Chen, Ph.D.
Assistant Professor
School of Library and Information Sciences
University of North Texas
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209 Information Science Building
P.O. BOX 311068
Denton, TX 76203
Phone: (940) 369-8393
Fax: (940) 565-3101

Education

Ph.D. Information Transfer. Syracuse University, New York, 2003

Dissertation:

The Construction, Use, and Evaluation of a Lexical Knowledge Base for English-Chinese Cross Language Information Retrieval

Advisor: Dr. Elizabeth D. Liddy

M.S. Information Science. Library of Chinese Academy of Sciences, Beijing, China, 1995

Thesis:

Building an Automatic Indexing Expert System for Accessing Scientific Documents

Advisor: Prof. Jingfang Xue

B.S. Information Science. Wuhan University, Wuhan, China, 1988

Professional Experience

1/2004 – Current. Assistant Professor, School of Library and Information Sciences, University of North Texas

5/2000 – 12/2003. Research Analyst, Center for Natural Language Processing, School of Information Studies, Syracuse University

8/1999 – 4/2000. Graduate Assistant, School of Information Studies, Syracuse University

4/1995 – 8/1998. Research Associate, Information Institute of the Ministry of Electronics Industry, Beijing, China

6/1988 – 3/1995. Research Assistant, Wuhan Documentation and Information Center, Chinese Academy of Sciences, Wuhan, China

Research Interests

Intelligent Information Access: Cross-Language Information Retrieval, Automatic Question Answering

Natural Language Processing: Information Extraction, Chinese Information Processing

Digital Libraries: Automatic Metadata Generation, Automatic Classification and Clustering

Information Systems Design & Analysis: Web Database Systems, Information Systems Evaluation and Usability Studies

Teaching

SLIS 5970.001/002/005: Data Modeling for Information Professionals

SLIS 5717.001: Dynamic WWW Control Structures

SLIS 5900: Special Problems on Cross Language Information Retrieval

SLIS 5910.704: Information Retrieval Interaction

SLIS 6900.712: Special Problems on Automatic Question Answering

SLIS 6900.710: Special Problems on Cross Language Information Retrieval

Publications

Chen, Jiangping (2006). A lexical knowledge base approach for English-Chinese cross-language information retrieval. *Journal of the American Society for Information Science and Technology*, 57(2), 233-243.

Chen, Jiangping; Li, Rowena; Yu, Ping; Ge, He; Chin, Pok; Li, Fei and Xuan, Cong. (2005). Chinese QA and CLQA: NTCIR-5 QA experiments at UNT. Proceedings of NTCIR-5 workshop, Tokyo, Japan, December 2005. Available at: <http://research.nii.ac.jp/ntcir/workshop/OnlineProceedings5/data/CLQA/NTCIR5-CLQA-ChenJ.pdf>.

Chen, Jiangping; Li, Rowena and Li, Fei. (2005). Chinese information retrieval using Lemur: NTCIR-5 CIR experiments at UNT. Proceedings of NTCIR-5 workshop, Tokyo, Japan, December 2005. Available at: <http://research.nii.ac.jp/ntcir/workshop/OnlineProceedings5/data/CLIR/NTCIR5-CLIR-ChenJ.pdf>

Chen, Jiangping (2005). Toward a unified retrieval outcome analysis framework for cross-language information retrieval. *Online proceedings of 2005 annual conference of the American Society for Information Science and Technology*, Charlotte, North Carolina. October 30-November 1, 2005.

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- Diekema, Anne & Chen, Jiangping (2005). Experimenting with the automatic assignment of educational standards to digital library content. *Proceedings of 2005 Joint Conference on Digital Libraries*, Denver, Colorado, June 7-11, 2005.
- Chen, Jiangping (2005). Establishing your own knowledge base for reference service. Contributed Paper for *Texas Library Association Annual Conference*, April 5-8, Austin, TX.
- Chen, Jiangping; Ge, He; Wu, Yan and Jiang, Shikun. (2004). UNT at TREC 2004: question answering combining multiple evidences. Online Proceedings of TREC 2004. Available at: <http://trec.nist.gov/pubs/trec13/papers/unorthtexas.qa.pdf>.
- Diekema, Anne; Yilmazel, Ozgur; Chen, Jiangping; Harwell, Sarah, He, L. & Liddy, Elizabeth D. (2004). Finding Answers to Complex Questions. In Maybury, M.(Ed.) *New Directions in Question Answering*. AAAI-MIT Press. 141-152.
- Chen, Jiangping (2003). The construction, use, and evaluation of a lexical knowledge base for English-Chinese cross language information retrieval. PhD dissertation. Syracuse University.
- Diekema, Anne; Yilmazel, Ozgur; Chen, Jiangping; Harwell, Sarah and Liddy, Elizabeth D. (2003) What do you mean? Finding answers to complex questions. *AAAI Spring Symposium: New Directions in Question Answering 2003*: 87-93.
- Hsiao, Wenyan; Chen, Jiangping; and Liddy, Elizabeth, D. (2003). A Web application for English-Chinese Cross Language Patent Retrieval. In *Proceedings of 5th International Conference on Enterprise Information Systems*. Angers-France.
- Diekema, Anne; Chen, Jiangping; McCracken, Nancy; Yilmazel, Ozgur and Liddy, Elizabeth D. (2002). Question answering: CNLP at the TREC-11 question answering track. In: *Proceedings of 11th Text REtrieval Conference*.
- Qin, Jian and Chen, Jiangping (2002). Integration of a resource-oriented vocabulary with knowledge-oriented vocabulary system. *Journal of Academic Libraries*, 20(2), 2-8.
- Chen, Jiangping; Diekema, Anne; Taffet, Mary; McCracken, Nancy; Yilmazel, Ozgur and Liddy, Elizabeth D. (2002). Question answering: CNLP at the TREC-10 question answering track. *Proceedings of 10th Text REtrieval Conference*, 485-494.
- Qin, Jian and Chen, Jiangping (2001). A multi-layered, multi-dimensional representation of digital educational resources. *IFLA satellite Conference on Subject Retrieval in a Networked Environment*. Ohio, August, 2001.
- Diekema, Anne; Liu, Xiaoyong; Chen, Jiangping; Wang, Hudong; McCracken, Nancy; Yilmazel, Ozgur and Liddy, Elizabeth D. (2001). Question answering: CNLP at the TREC-9 question answering track. *Proceedings of 9th Text REtrieval Conference*, 412-421.
- Chen, Jiangping (1996). Distributed database systems and their applications. *New Technology of Library and Information Service*, 29-31, No. 3.

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- Chen, Jiangping (1995). Enhancing the usability of document databases---design, implementation, and service. *Proceedings of Symposium on Information Database Construction*, p159-166.
- Chen, Jiangping (1995). Automatic indexing expert system for scientific documents: Abstract of Thesis. *Library & Information*, No. 3.
- Xue, Jingfang and Chen, Jiangping (1992). Chinese documentary database of spectroscopy and atomic molecular physics: abstracts. *CODATA BULLETIN Scientific Program and Abstracts, Proceedings of 13th International CODATA Conference*, p124, Vol. 24, No. 2 .
- Chen, Jiangping (1991). The construction issues of domain-specific abstract database systems. Paper presented at the first workshop of Library and Information Science of Chinese Academy of Sciences, Wuhan Branch. November, 2001, Wuhan, China.
- Xue, Jingfang; Duan, Shouchang and Chen, Jiangping (1991). Subject indexing practice for constructing a domain-specific documentary database. *Information Professional Research*, 36-38, No. 1.

Conference Presentations, Talks, and Posters

- Chen, Jiangping (2005). Toward a unified retrieval outcome analysis framework for cross language information retrieval. Presented at ASIST'05 Annual Conference, Charlotte, North Carolina. October 30-November 1, 2005.
- Liddy, Elizabeth D.; Chen, Jiangping; Finneran, Christina M.; Diekema, Anne R.; Harwell, Sarah C.; Yilmazel, Ozgur. (2005). A Retrospective on Generating & Evaluating Automatic Metadata for Educational Resources: A Holistic Program (poster).9th European Conference on Research and Advanced Technology for Digital Libraries (ECDL 2005) September 18-23, 2005 Vienna, Austria.
- Chen, Jiangping (2005). Information access across languages. *Informal Talk* at the School of Library and Information Sciences, University of North Texas. April 13, 2005.
- Chen, Jiangping (2005). Establishing Your Own Knowledge Base for Reference Service. Presented at: Texas Library Association Annual Conference, April 5-8, Austin, TX.
- Chen, Jiangping (2005). CLIR and CLQA using available linguistic resources and NLP tools - our participation in NTCIR-5. Talk at the meeting of [UNT Language and Information Technologies Research Group](#), April 1, 2005.
- Chen, Jiangping. (2004). UNT at TREC 2004: question answering combining multiple evidences. Poster presented at *2004 Text Retrieval Conference (TREC)*, Gaithersburg, MD, November, 16-19.
- Chen, Jiangping (2004). Please give me the answers, not documents! - Automatic Question Answering (QA) using Natural Language Processing (NLP). *Informal Talk* at the School of Library and Information Sciences, University of North Texas. March 31, 2004.

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- Diekema, Anne, Chen, Jiangping and Liddy, Elizabeth D. (2003). Standard Connection. Poster presented at 2003 National Science Digital Library All Projects Meeting, Washington, DC., November 2003.
- Chen, Jiangping and Diekema, Anne. (2003). Current Progress in Automatic Question Answering: Challenge or Opportunity? Presented at ASIST Annual Conference, Long Beach, California. October, 2003.
- Chen, Jiangping. (2003). Award-winning dissertation proposal: the construction, use, and evaluation of a lexical knowledge base for English-Chinese cross language information retrieval: Presented at ASIS&T Annual Conference, Long Beach, California. October, 2003.
- Chen, Jiangping (2003). Research on the lexical knowledge base approach for cross language information retrieval. Poster presented at 2003 ALISE Annual Conference, Philadelphia, January, 2003.
- Chen, Jiangping; Diekema, Anne and Liddy, Elizabeth D. (2002). Standard Connection. Poster presented at 2002 National Science Digital Library All Projects Meeting, Washington, DC., November 2002.
- Chen, Jiangping; Diekema, Anne; Yilmazel, Ozgur and Liddy, Elizabeth D. (2002). Automatic question and answering in aerospace domain. Presented at the 4th International VRD Conference, Chicago, Illinois, November 2002.
- Zhang, Ping and Chen, Jiangping (1999). What is Web Usability Anyway? -A Conceptual Study on Usability in the Web Environment. presented at Mid-year conference of ASIS, May 1999.

Technical Reports

- Chen, Jiangping. (2002). English-Chinese Cross Language Patent Retrieval System: Project Report. Center for Natural Language Processing, Syracuse University.
- Liu, Xiaoyong; Diekema, Anne; Chen, Jiangping; Wang, Hudong. (2000). "CNLP TREC9 Q&A Efforts: A Summary of Approach And System Documentation." Final report to Center for Natural Language Processing, Syracuse University
- Luo, Zengyu; Chen, Jiangping (1997). A new approach to document organization. Research report. Information Institute of the Ministry of Electronics Industry, Report Number: QB97-004.

Professional and Academic Association Membership

- 1988 – 1998 [China Society for Scientific and Technical Information \(CSSTI\)](#)
- 1999 - [American Society for Information Science & Technology \(ASIS&T\)](#)
- 2002 - [Association for Computing Machinery \(ACM\)](#)

2003 - [Association for Library and Information Science Education \(ALISE\)](#)

Awards

2005 Junior Faculty Summer Research Fellowship, University of North Texas

2003 ISI/ASIS&T Doctoral Dissertation Proposal Award

2000-2001 Graduate Fellowship, Syracuse University

1998-1999 Graduate Fellowship, Syracuse University

Grants

2006 PI, "The development of 'Introduction to Intelligent Information Access' as a blended course", Learning Enhancement Grant, University of North Texas, \$8,000.

2005 PI, (Co-PI: Dr. William E. Moen), "Authors@Your Library Web Database System", Association of American Publishers, \$11, 220.

2005 PI, "The development of SLIS 5970 Database Modeling and Design for Information Professionals as a Web-based Course". Learning Enhancement Grant, University of North Texas, \$6,748.

2005 PI, "Combining Web Mining and Information Extraction for Cross Language Information Retrieval", Junior Faculty Research Grant, University of North Texas, \$3,000.

Proposals Submitted but not Funded

2005 PI, "CAREER: Cross Language Question Answering Combining Lexical, Syntactic, and Semantic Evidences with Maximum Entropy Models" submitted to NSF, not funded.

2004 Co-PI, (PI: Dr. Anne R. Diekema, Co-PI: Dr. Elizabeth D. Liddy), "REFLEX-LEX: A Methodology for Combinatory Lexical Resources" in respond to Broad Agency Announcement (BAA) 04-01-FH, not funded.

Service to the Profession

2005 Reviewer, Conference on Design for User eXperience (dux2005), Fort Mason, San Francisco, CA.

2004 Referee, *Journal of Natural Language Engineering*, Special issue on Parallel Texts

Jiangping Chen

2004 Referee, ITIE (Information Technology in Education) 2004 International Conference

2004 Student Chapter of the Year, ASIS&T

Service to the Organization

2005-2006 Faculty Advisor, UNT & TWU Chinese Students and Scholars Association

2005-2006 Committee on Committees, School of Library and Information Sciences, UNT

2005-2006 Curriculum Committee, School of Library and Information Sciences, UNT

2004-2005 Co-Chair, Curriculum Committee, School of Library and Information Sciences, UNT

2004-2005 Co-Chair, COA Curriculum Working Group, School of Library and Information Sciences, UNT

2004-2005 COA Student Working Group, School of Library and Information Sciences, UNT

2004 Information Technology Knowledge & Skills Committee, School of Library and Information Sciences, UNT

2002 - 2003 Search Committee, School of Information Studies, Syracuse University

1999 - 2000 Ph.D. Admission Committee, School of Information Studies, Syracuse University

Experience

Digital Youth Research Project | UC Berkeley | Berkeley, CA

Graduate Student Researcher (September 2005 – present)

Working under Peter Lyman (UC Berkeley) and Mimi Ito (USC Annenberg Center) on a \$3.3 Million MacArthur grant to study how youths' informal use of digital media affects communication, learning, knowledge, and play.

- Conducted 12 week ethnographic field study of 11-15 year old kids enrolled in an arts and technology program for children from the Bayview and Hunters Point neighborhoods of San Francisco.
- Design and perform interview and diary protocols to assess youth's everyday uses of digital media.
- Draft analysis memos leading to a report to MacArthur this spring.

Yahoo! Research Berkeley | Berkeley, CA

Research Intern (September 2005 – March 2006)

Working under Marc Davis' Social Media group at the recently launched research collaborative between Yahoo! and UC Berkeley.

- Assess user needs, develop information architecture, and design user interface prototypes.

Garage Cinema Research | UC Berkeley | Berkeley, CA

Designer, User Experience Group (May 2005 – August 2005)

Member of Marc Davis' research group focused on "enabling media consumers to become media producers."

- Design information visualizations and user interface prototypes for desktop and mobile applications that leverage temporal, spatial and social metadata for multimedia capture, use, and reuse.

Jan Krukowski & Company | New York, NY

Interactive Media Producer (January 2002 – May 2005)

Information Architect & Interaction Designer (June 2000 – January 2002)

Oversee information architecture, user interface design, multimedia content development, and programming of Web sites, CD-ROMs, DVDs, and interactive environments for marketing agency focused on the not-for profit sector.

- Conduct qualitative needs assessment through individual interviews with stakeholders and focused group and usability testing with users; help develop survey instruments for quantitative market research.
- Draft information architecture and user interface wireframes.
- Prototype user interfaces and story-board scenarios for interactive experiences.
- Contribute to, and manage, team of writers, animators, 3-D modelers, programmers, photographers, videographers, and editors for multimedia content creation.
- Act as primary interface with client.
- Work received numerous awards including: Macromedia Site of the Day; UCDA Gold, Silver and Judge's Choice awards; CASE Gold.

Education

UC Berkeley | School of Information (formerly SIMS) | Berkeley, CA

Masters expected, May 2007

- Graduate fellowship.
- Noteworthy Courses: Ethnographic Practice (Jean Lave); Information Visualization (Marti Hearst); Industrial Design & Human Factors (Ken Goldberg).

Bowdoin College | Brunswick, ME

Bachelor of Arts in Economics, June 2000

- Phi Beta Kappa; Summa Cum Laude; Writing Tutor; Economics Prize; Graduation Award.

Computer Skills

- Design & Prototyping Tools: Adobe Illustrator, Photoshop, InDesign; QuarkXPress; Macromedia Flash.
- Computer Languages: Java, XML, XSLT, XPATH, HTML, CSS, ActionScript.

Jinying Chen

University of Pennsylvania
Department of Computer and Information Science
3330 Walnut Street, Levine Hall, CIS Dept.
Philadelphia, PA, 19104
Office: (215) 573-7736
<http://www.cis.upenn.edu/~jinying>

Home Address:
32 Marvin Lane
Piscataway, NJ, 08854
Cell phone: (732) 668-7728
jinying@cis.upenn.edu

Education

University of Pennsylvania, Philadelphia, PA, USA Ph.D. candidate 2001 – Pres.
Department of Computer and Information Science

Dissertation: Towards High-performance Word Sense Disambiguation by Combining Rich Linguistic Knowledge and Machine Learning Approaches (to be defended in July, 2006)

Advisor: Martha S. Palmer

Committee Members: Joshi K. Aravind, Claire Cardie, (external examiner),
Mitch P. Marcus (chair), Lyle H. Ungar

University of Pennsylvania, Philadelphia, PA, USA M.S. 2000 – 2001
Department of Computer and Information Science

Tsinghua University, Beijing, China M.E. 1998 – 2000, B.S. 1994 – 1998
Department of Computer Science and Technology

Research Interests

Machine learning and feature engineering for natural language processing (NLP). Automatic word sense disambiguation; clustering semantically coherent words and automatic acquisition of large-scale semantic taxonomies. NLP applications to information retrieval, information extraction, machine translation and bioinformatics.

Research Experience

Department of Computer and Information Science, University of Pennsylvania
Ph.D. Candidate 2001 – 2006

High performance supervised word sense disambiguation (WSD) through combining linguistically motivated features and a smoothed Maximum Entropy (MaxEnt) model. The system achieved higher accuracy than previous best systems on the SENSEVAL2 English verb data.

Unsupervised and active learning methods for WSD. EM clustering for Chinese verb senses and active learning for English verb senses. Clustering-based feature selection for WSD. Noun clustering and semi-automatically created noun taxonomies, used for semantic features for WSD.

Nominal entity detection for the Chinese Automatic Content Extraction (CACE) project (summer 2003, summer 2004). Boosting and TAG (Tree Adjoining Grammar) Supertagging for template relation detection, a subtask of the MUC-7 information extraction task (fall, 2001).

Department of Computer Science & Technology, Tsinghua University, Beijing, China
Master Student, Senior College Student 1997 – 2000

Visualization, dimension reduction, and classification algorithms for Chinese character recognition. A classification algorithm, based on Mahalanobis distance and dimension reduction, for distinguishing well-similar handwritten Chinese characters.

Honors and Awards

- Graduate student research fellowship from the Department of Computer and Information Science, University of Pennsylvania. Sept. 2000 – pres.
- Tsinghua-Motorola Outstanding Student Scholarship, top 3 among over 50 graduate students in the Department of Computer Science and Technology, Tsinghua University. Oct. 1999
- Honor of Excellent Student of Tsinghua University, top 10 among over 150 undergraduate students in the Department of Computer Science and Technology, Tsinghua University. Nov. 1997
- Tsinghua-Daren Chen Scholarship, top 5 among over 150 undergraduate students in the Department of Computer Science and Technology, Tsinghua University. Nov. 1996
- Honor of Excellent Student of Tsinghua University, top 10 among over 150 undergraduate students in the Department of Computer Science and Technology, Tsinghua University. Nov. 1995
- First Prize in the Tenth National High School Student Contest in Physics in Tianjin, sponsored by Chinese Physical Society and Tianjin Physical Society. Top 10 among over 1,000 competition participants in Tianjin area. Nov. 1993.

Publications

- Nianwen Xue, Jinying Chen and Martha Palmer. Aligning Features with Sense Distinction Dimensions. Submitted.
- Jinying Chen, Andrew Schein, Lyle Ungar and Martha Palmer. An Empirical Study of the Behavior of Active Learning for Word Sense Disambiguation. Accepted by *Human Language Technology conference - North American chapter of the Association for Computational Linguistics annual meeting (HLT-NAACL) 2006*. New York City.
- Jinying Chen and Martha Palmer. Clustering-based Feature Selection for Verb Sense Disambiguation. In *Proceedings of the 2005 IEEE International Conference on Natural Language Processing and Knowledge Engineering (IEEE NLP-KE 2005)*, pp. 36-41. Oct. 30- Nov. 1, Wuhan, China, 2005.
- Jinying Chen and Martha Palmer. Towards Robust High Performance Word Sense Disambiguation of English Verbs Using Rich Linguistic Features, In *Proceedings of the 2nd International Joint Conference on Natural Language Processing (IJCNLP2005)*, pp. 933-944. Oct. 11-13, Jeju, Korea, 2005.
- Martha Palmer, Nianwen Xue, Olga B Babko-Malaya, Jinying Chen and Benjamin Snyder. A Parallel Proposition Bank II for Chinese and English, in *Proceedings of the 2005 ACL Workshop in Frontiers in Annotation II: Pie in the Sky*, pp. 61-68. June 29, Ann Arbor, Michigan, 2005.
- Jinying Chen and Martha Palmer. Unsupervised Learning of Chinese Verb Senses by Using an EM Clustering Model with Rich Linguistic Features. In *Proceedings of the 42nd Annual Meeting of Computational Linguists (ACL-04)*, pp. 295-302. July 21-23, Barcelona, Spain. 2004.
- Jinying Chen, Nianwen Xue and Martha Palmer. Using a Smoothing Maximum Entropy Model for Chinese Nominal Tagging (poster presentation), In *Proceedings of the 1st International Joint Conference on Natural Language Processing*, pp. 493-500. March 22-24, Hainan Island, China, 2004.
- Libin Shen and Jinying Chen. Using Supertag in MUC-7 Template Relation Task, *Technical Report*, MS-CIS-02-26, CIS Dept., University of Pennsylvania, 2002.

- Jinying Chen, Yijiang Jin and Shaoping Ma. The Visualization Analysis of Handwritten Chinese Characters in Their Feature Space. *Journal of Chinese Information Processing*. Vol.14, No. 5, pp42~48, 2000.
- Jinying Chen, Yijiang Jin and Shaoping Ma. A Learning Algorithm Detecting the Similar Chinese Characters' Boundary Based on Unequal-Contraction of Dimension. In *Proceedings of the 3rd World Congress on Intelligent Control and Automation*, pp. 2765-2769, vol. 4. June 28-July 02, Hefei, China, 2000.

Oral Presentations (2001-2006)

- “Towards Robust High Performance Word Sense Disambiguation by Combining Rich Linguistic Knowledge and Machine Learning Methods”, in the 7th Penn Engineering Graduate Research Symposium, Feb. 15, 2006.
- “What We Learned from Supervised Word Sense Disambiguation for English Verbs” in a visit to the Center for Spoken Language Research at University of Colorado, Dec. 7, 2005.
- “Clustering-based Feature Selection for Verb Sense Disambiguation” in the 2005 IEEE International Conference on Natural Language Processing and Knowledge Engineering (IEEE NLP-KE 2005) in Wuhan, China, Oct. 30, 2005.
- “Towards Robust High Performance Word Sense Disambiguation of English Verbs Using Rich Linguistic Features” in the 2nd International Joint Conference on Natural Language Processing (IJCNLP2005) in Jeju, Korea, Oct. 13, 2005.
- “Unsupervised Learning of Chinese Verb Senses by Using an EM Clustering Model with Rich Linguistic Features” in the 42nd Annual Meeting of Computational Linguists (ACL-04), in Barcelona, Spain, July 23, 2004.
- “Fine-grained and Coarse-grained Supervised Word Sense Disambiguation” in ARDA (Advanced Research and Development Activity)'s visit at the Computer and Information Science Department at the University of Pennsylvania, Aug. 22, 2003.

Other Professional Activities

- Organizer of the weekly seminar, the Computational Linguists' Lunch (CLUNCH), attended by about 30 faculty members and students mainly from the Department of Computer Science and Information and the Department of Linguistics, University of Pennsylvania. Spring, 2003
- Teaching assistant for the graduate-level course CIT594 II – Programming Languages and Techniques, which is oriented to master students in the Department of Computer and Information Science, University of Pennsylvania. Spring, 2002
- Teaching assistant for the graduate-level course CIS500 – Programming Languages, which is oriented to Ph.D. students in the Department of Computer and Information Science, University of Pennsylvania. Fall, 2001
- Teaching assistant for the undergraduate-level course “Introduction to Artificial Intelligence” in the Department of Computer Science and Technology, Tsinghua University. Fall, 1998
- Participation in the editorial work (collecting and editing about 200 vocabulary entries) for a major computer dictionary – *English-Chinese Dictionary of Computers and Multimedia* (published by Tsinghua University Press, 2003) in Tsinghua University under the supervision of Dr. Fuzong Lin. Summer, 1998

Reference

Joshi K. Aravind, PhD (joshi@linc.cis.upenn.edu, 215-898-8540)

Martha S. Palmer, PhD (Martha.Palmer@colorado.edu, 303-492-1300)
Lyle H. Ungar, PhD (ungar@cis.upenn.edu, 215-898-7449)

XIN FU

University of North Carolina at Chapel Hill
School of Information and Library Science
Chapel Hill / NC / USA / 27599-3360
Email: xfu [at] unc.edu
Webpage: <http://sils.unc.edu/~fu>

EDUCATION

08/2003 --

Ph. D. student in Information and Library Science
School of Information and Library Science, University of North Carolina at Chapel Hill
Advisor: Dr. Gary Marchionini

08/2004 --

Master's student in Statistics
Department of Statistics and Operations Research, University of North Carolina at Chapel Hill

09/2000 -- 07/2003

Master of Science in Information Science
Department of Library and Information Science, Peking University
Advisor: Prof. Maosheng Lai
Thesis title: Evaluating the Quality of Search Engines: User-Centered Discussions on Evaluation Schema and Comparative Studies on Chinese and English Search Engines (96 pages; in Chinese)

09/1996 -- 07/2000

Bachelor of Arts in English (Information Management Orientation)
English Program for Information Management Studies, School of English Language Communication, Beijing Foreign Studies University
Thesis title: Problems in Existing Search Engines and Possible Solutions (20 pages; in English)

RESEARCH

Microsoft - UNC Annotation of Structured Data Project

Research Team Member, August 2004 -
Principal Investigators: Dr. Gary Marchionini, Dr. Paul Solomon and Dr. Catherine Blake (Funded by Microsoft Corporation)

- Study how frequent users of structured data such as statistical files and databases make sense of and annotate information
- Investigate the role annotations play in seeking and understanding information in electronic environments
- Identify strategies and potential tools for annotating structured data

UNC TREC (Text Retrieval Conference) - HARD Track (High Accuracy Retrieval of Documents)

Research Team Member, January 2004 -
Principal Investigator: Dr. Diane Kelly

- Develop techniques for eliciting additional information from users (beyond a short query) about their information problems
- Develop techniques for incorporating information about a user's search context into retrieval
- Evaluate the effectiveness of such techniques

Information Synthesis Project

Research Assistant, January 2004 - June 2004

Principal Investigator: Dr. Catherine Blake

- Develop automatic methods to convert HTML files to text files and format them with certain tags that allow easy loading into database

User Centered Evaluation of Web Search Engine Quality

Research Team Leader, September 2002 - June 2003

- Constructed theoretical framework for evaluating the quality of Web search engine
- Developed empirical framework for user centered evaluation of Web search services
- Designed user search experiment to test the framework
- Analyzed both qualitative and quantitative data from the experiment and modified the framework

Comparative study between Chinese and English Internet portal

Graduate Research Assistant, February 2002 - June 2002

Principle Investigators: Dr. Xiaoying Dong and Prof. Zhanghua Ma (Funded by UNESCO and Chinese National Foundation of Social Sciences)

- Investigated major information organization and retrieval techniques used by Chinese and English Web search engines
- Explored and evaluated the indices for measuring search engine quality

An Investigation on Using Classification in Web Information Organization

Research Team Leader, March 2001- April 2001

- Conducted survey on how classification was used by major Internet portals to organize information resources
- Interviewed classification designers of two major Chinese Web portals to gain an understanding of their considerations and practical concerns
- Proposed suggestions for improving classification design on Web portals.

Design of Need Based Chinese National Social Sciences Information System in Network Environment

Team Assistant, January 2001 - March 2001

Principle Investigator: Dr. Lei Liu (Funded by Chinese National Foundation for Social Sciences)

- Participated in designing survey questionnaire to investigate the information needs of social sciences researchers in China
- Collected data from about 50 social sciences researchers in Beijing

PUBLICATIONS

Journal articles:

Zheng, Q. & Fu, X. (2003). A study on the Application of Metadata in Web Information Resource Organization. *Library and Information Service*, 311, 78-82, 25.

Fu, X. & Li, W. (2002). A Study on the Trends of Information Classification on the Internet. *Library and Information Service*, 292, 61-65.

Fu, X. (2002). Studies on Intelligent Trends in Third Generation Search Engines. *New Technology of Library and Information Service*, 97, 28-30.

Li, W. & Fu, X. (2002). A Study of Knowledge Sharing in Knowledge Management Systems. *Library and Information Service*, 298, 32-36.

Fu, X. (2002). An Insight into China's Information Policy in the 21st Century Through its Tenth "Five Year Plan". *Journal of Information*, 21(12), 68-69.

Fu, X. (2002). Studies on Social Sectors Oriented Information Services. *Journal of Information, Annual Supplement on Information and Library Science Research*, 92-93.

Fu, X. (2002). A Study on E-Business Legislation in China. *China Information Review*, 403, 46-47.

Fu, X. (2001). A Study of the Changes of CIO's Roles in Knowledge-based Economy. *China Internet Weekly*, 128, 121-123.

Fu, X., Liu, Z.H. & Liu, L. (2001). Research on Collection Distribution in University Libraries in the Tide of Amalgamation. *Journal of Chinese Society for Social Sciences Information*, 121, 51-53.

Conference papers:

Kelly, D. & Fu, X. (2006). University of North Carolina's HARD Track Experiments at TREC 2005. In E. Voorhees & L. P. Buckland (Eds.), *TREC 2005, Proceedings of the Fourteenth Text Retrieval Conference*. Washington, D.C.: GPO.

Fu, X., Cizek, T., Marchionini, G. & Solomon, P. (2005). Annotating the Web: An Exploratory Study of Web Users Needs for Personal Annotation Tools. In *Proceedings of the 68th Annual Meeting of the American Society for Information Science & Technology (ASIS&T)*, Vol. 42, Charlotte, NC, October 28-November 2, 2005.

Cizek, T. & Fu, X. (2005). Hyperlinking: From the Internet to the Blogosphere. In *Proceedings of the 6th International and Interdisciplinary Conference of the Association of Internet Researchers (AoIR)*, Chicago, IL, October 5-9, 2005.

Kelly, D., Dollu, V. D. & Fu, X. (2005). The loquacious user: A document-independent source of terms for query expansion. In *Proceedings of the 28th Annual ACM International Conference on Research and Development in Information Retrieval (SIGIR '05)*, Salvador, Brazil, August 11-15, 2005. 457-464.

Kelly, D., Dollu, V. D. & Fu, X. (2005). University of North Carolina's HARD Track Experiments at TREC 2004. In E. Voorhees & L. P. Buckland (Eds.), *TREC 2004, Proceedings of the Thirteenth Text Retrieval Conference*. Washington, D.C.: GPO.

Lai, M. S., Fu, X. & Zhang, L. Y. (2002). Information Resources Development in China. In *Proceedings to 2002 Information Resource Management Association International Conference*, Seattle, Washington, May 19-22, 2002, 81-96.

Book chapters:

Fu, X. (2003). Studies on Web Search Engine Mechanism. In Dong, X. Y., & Ma, Z. H. (Ed.), *Retrieval, Use and Services of Internet Information Resources*, Chapter 8, pp. 128-152. Beijing: Peking University Press.

Xin, M. D., & Fu, X. (2003). Evaluation of Web Search Engine Service. In Dong, X. Y., & Ma, Z. H. (Ed.), *Retrieval, Use and Services of Internet Information Resources*, Chapter 9, pp. 153-170. Beijing: Peking University Press.

Lai, M. S., Fu, X. & Zhang, L. Y. (2003). Information Resources Development in China: History, Present Situation and Problem Discussion. In Gerry Gingrich. (ed.) *Managing IT in Government, Business & Communities*. Hershey, PA: IRM Press.

Posters:

Ciszek, T. & Fu, X. (2005). An Annotation Paradigm: The Social Hyperlink. To appear in *Proceedings of the 68th Annual Meeting of the American Society for Information Science & Technology (ASIS&T)*, Vol. 42, Charlotte, NC, Oct. 28-Nov. 2, 2005.

Encyclopedia:

Lai, M. S., Fu, X. & Zhang, L. Y. (2005). Information Resources Development in China. In Mehdi Khosrow-Pour (Ed.). *Encyclopedia of Information Science and Technology I-V*.

Edited collections:

Li, J. F., Fu, X., & Feng, Q. H. (Ed.) (2004). *Selected Readings in Information Management*. Beijing: Tsinghua University Press.

Translations:

Fu, X., Wang, X. J., & Ai, X. Y. (2001). *Secrets of the Mind – A Tale of Discovery and Mistaken Identity*. Fujian: Lujiang Publishing House. (Chinese translation collected by the National Library of China. The original book: Cairns-Smith, A. G. (1999). *Secrets of the Mind – A Tale of Discovery and Mistaken Identity*. New York: Springer-Verlag)

Degree thesis:

Fu, X. (2003). *Evaluating the Quality of Search Engines: User-Centered Discussions on Evaluation Schema and Comparative Studies on Chinese and English Search Engines*. (Master's Thesis, Peking University)

TEACHING EXPERIENCES

Teaching Assistant, September 2002 – January 2003

Peking University

- Led the lab session for 50 first-year students in their C Programming class and 15 fourth-year students in Multimedia Technologies class

Course Coordinator, March 2001 – June 2001

Beijing Foreign Studies University

- Invited 20 of my classmates in Peking University to offer Information Seminar Series for undergraduates in Beijing Foreign Studies University
- Arranged the timetable, presided over all of the seminars and designed the grading system
- The seminar was warmly welcomed by 100+ participants

Teaching Assistant, September 2000 – January 2001

Beijing Foreign Studies University

- Provided lab tutorial for 40 second-year students in their C Programming class

English teacher, March 1999 -June 1999

Beijing 21st Century School

- Taught English to about 30 elementary school students (grade 3-4) without using any Chinese

AWARDS & HONORS

2004-2006, Research Assistantship, SILS, UNC-Chapel Hill;

2004, Future Faculty Fellowship, UNC-Chapel Hill;

2003, Graduate School Merit Based Assistantship, UNC-Chapel Hill;

2003, Graduation with Distinction, Peking University;

2002, Wusi (May 4th) Scholarship, Peking University;

2001, Nokia Scholarship (First Prize), Peking University;

2001, 2002, Model Student, Peking University;

2000, Graduation with Distinction, Beijing Foreign Studies University;

2000, Best Thesis Prize, Beijing Foreign Studies University;

1997-2000, University-level Scholarship, Beijing Foreign Studies University;

1997, 1999, Model Student, Beijing Foreign Studies University.

OTHER WORK EXPERIENCES

Graduate Assistant for Exchange Affairs, August 2001 - August 2002

Office of International Relations, Peking University.

Some major activities include:

- Receiving His Excellency Prime Minister Guy Verhofstadt of Belgium (March 28, 2002);
- Receiving Vice Chancellor of the University of Cambridge Professor Sir Alec Broers and his delegation (April 11-14, 2002).

CIO, May 2000 – January 2001

HolyHigh Investment Consulting Company, Beijing.

- Made overall information policy for the start-up company with more than 20 employees and saw to its implementation
- Set up the company's knowledge center and website

Database Designer, September 1999 - October 1999

Distance Learning Department, Beijing Foreign Studies University

- Designed the Self-Access Center Management System for distance learning students

Lab Assistant, September 1999 - January 2000

Distance Learning Department, Beijing Foreign Studies University

- Instructed and assisted students in their computer lab sessions

Library Assistant, September 1999 - January 2000

Resource Center of School of English Language Communication, Beijing Foreign Studies University

- Designed the classification scheme for the school library with a collection of several thousand books, periodicals, dissertations and multimedia reading materials

Intern Reporter, February 2000 – April, 2000

International News Department, Xinhua News Agency and Domestic News Department, China Daily

- Assisted reporters in interviewing and writing/editing news articles

Interpreter, November 12 – 14, 1999

American Pavilion of 1999 China International Education Exhibition in Beijing

Intern Editor and Announcer, Summer 1998

Jiangxi TV English News (the provincial TV Station in my hometown), Nanchang, Jiangxi

Gilok Choi

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University of Texas at Austin
1 University Station, D7000
Austin, TX 78712-0390

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Phone: 512.241.0544
Homepage: <http://www.choigo.name>

Education

- 2002 **Admitted to Doctoral Program**
School of Information, University of Texas at Austin
- 1998 **Master of Arts in Communication**
Ewha University, Seoul, Korea
Thesis: Analysis of Public Interests of Korean Public Affair Channel
- 1994 **Bachelor of Arts in Journalism and Broadcasting**
Ewha University, Seoul, Korea

Research Areas

human-computer interaction, user interface design, usability studies and methods, Web-based applications, three dimensional virtual environments, multimedia, databases

Research Projects

- 2, 2005-current **Usability Studies on Second Language Learning Websites**
- Joint research with Profs. Liu Min in *Instructional Technology* and other doctoral students in *Foreign Language Education*
 - Created user scenarios for usability tests, developed user response questionnaire, conducted usability tests, and wrote a paper
- 2, 2004-12, 2004 **Online Font Locating Tool Project**
- Performed a research on users' satisfaction when using an online visual tool to identify and locate fonts with Profs. Hsing-liang Chen
 - Developed a web-based application for survey, conducted statistical analyses, and wrote research papers

6, 2003-8, 2004

Microsoft ClearType Project

- Microsoft sponsored research project with Profs. Andrew Dillon and Randolph Bias
- Performed a series of studies on user response to ClearType text enhancement technology
- Developed web-based applications for experiments, conducted experiments and statistical analyses, and wrote research reports.

9, 2003-4, 2004

Digital Video Library Project

- Research assistant for Profs. Hsing-liang Chen's video library project
- Investigate students' response on in-class video use and a university wide digital video library
- Developed a web-based application for survey, conducted statistical analysis, and wrote research reports

Experience

1, 2006-5, 2006

Website Developer for ~Fast Tex Project

- convert a static JavaScript search tree in *OdonataCentral* website (<http://odonatacentral.bfl.utexas.edu/>) into a dynamic webpage generated from the existing database

9, 2005-1, 2006

Website Developer (internship) for the ARMA (Association of Information Management Professionals)

- redesign the original ARMA Austin Chapter website (<http://www.arma-austin.org/>)

9, 2005-5, 2006

Teaching Assistant for *Understanding and Serving Users* and *Digital Media Design I*, School of Information, University of Texas at Austin

6, 2005-8, 2005

Website Developer for ~Fast Tex Project

- develop a website for *Ethnicity, Culture and Substance Use Disorder* (www.utexas.edu/courses/dinitto/index.htm)
- develop a new search scheme and administration pages for *Texas German Dialect Project* (<http://www.tgdp.org/>)

9, 2004-5, 2005

Teaching Assistant for *Understanding and Serving Users* and *Digital Media Design I*, School of Information, University of Texas at Austin

- 6, 2003-8, 2004 **Research Assistant**, School of Information, University of Texas at Austin
- a series of studies on user responses on ClearType text style
 - sponsored by Microsoft Corporation
- 7-8, 2003 **Teaching Assistant** for *Understanding and Serving Users*, School of Information, University of Texas at Austin
- 1-6, 2003 **Web Developer and Usability Specialist** (internship), ITAL (Institute for Technology and Learning), University of Texas at Austin
- test usability of University of Texas website in terms of accessibility (particularly focused on disability)
 - create captioned videos using Quick Time Pro and SMIL (Synchronized Multimedia Integration Language)
- 7-12, 2001 **Interface Designer** (internship) for CourseShare.com
- create new web pages and maintaining the company website
- 2-10, 1997 **Research Assistant**, Korean Broadcasting Institute
- research on media regulation policy in European Countries
- 10-12, 1995 **Research Assistant**, Korean Press Institute
- research on disaster reports of Korean newspapers
- 7-8, 1995 **A. E.** (internship) Jaeil Advertising Company
- survey target markets, create TV and newspaper advertisements
- 1994-1995 **Department Assistant**, Communication Dept., Ewha University

Awards

- Benonine Muse Scholarship, School of Information, University of Texas at Austin (2004-6)
- Catheryne S. Franklin Centennial Endowed Scholarship, School of Information, University of Texas at Austin (2002-3)
- Korean Parliament scholarship, Korean Parliament (1995)
- Department Scholarship, Communications Dept, Ewha University (1994-5)
- Department Scholarship, Journalism and Broadcasting Dept, Ewha University (1992)

Publications

- Chen, H., and Choi, G-O. (Accepted). An online font library: Evaluation by graphic design students. *The Electronic Library*.
- Y. I. Koh, G. Choi, J. Huh, M, Liu, A. McGregor, & T. Traphagan (2006). Designing websites for ESL learners; A usability testing study. *CALICO (the Computer Assisted Language Instruction Consortium) '06 Annual Meeting: Online Learning Come Ride the Wave*. (May 16-20, 2006, University of Hawaii).
- Chen, H., & Choi, G. (2005). Construction of a digital video library: A socio-technical pilot study on college students' attitudes. *Journal of Academic Librarianship*, 31 (5).
- Dillon, A., Kleinman, L., Bias, R., & Choi, G. (2004). Reading and searching electronic documents: An experimental study of regular and enhanced screen displays. *ASIS&T '04 Annual Meeting: Managing and Enhancing Information*. (Nov 13-18, 2004, Providence, RI).

Academic Activities

- Peer Reviewer, Post-Tracks (www.webjunction.org)

HELEN (HYE Y.) KIM

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415-595-6178

<http://fusion.sims.berkeley.edu/helki/>

helki@sims.berkeley.edu

PROFILE:

Information architecture professional with over 9 years of experience working with Internet technologies. Strong background and skills in usability, needs assessment, prototyping, user interface design, and development. Master's candidate in Information Management with a concentration in Human-Computer Interaction. Seeking positions in Information Architecture, User Experience and/or Interaction Design.

EDUCATION:

University of California at Berkeley, Berkeley, CA

May 2006 (expected)

- Master of Information Management & Systems
- *Selected Coursework:* Needs & Usability Assessment, User Interface Design & Development, Information Organization & Retrieval, XML & Related Technologies

Barnard College, Columbia University, New York, NY

May 1995

- Bachelor of Arts in Anthropology (minor in Biology)
- *Thesis:* "How Canadian Multicultural Policy Has Affected Ethnic Identity" (research included conducting ethnographic interviews)

PROFESSIONAL EXPERIENCE:

Database Usability Consultant, [Institute of International Studies](#), UC Berkeley

Jan 2006-present

- Design and conduct user interviews and testing to pinpoint user problems with database interface.
- Analyze findings, make design recommendations, and implement redesign.
- Find and fix bugs in the PHP and MySQL code for final deployment of application.

Mobile Shopper Mobile Prototype Workshop

January 2006

- Worked with a small team of developers to design and implement a shopping application for the mobile phone using Python for Symbian OS and PHP for a week-long workshop.
- Presented prototype to peers and Yahoo! Research team.

Graduate Student Instructor, [School of Information Management](#), UC Berkeley

Sept-Dec 2005

- Prepared and led discussion sessions on various technical, social and economic topics dealing with search engine technologies. [[course info](#)]
- Gave advice and graded assignments and projects for a class of around 100 students.

HCI Researcher, SAP Research, Palo Alto, CA

Jun-Aug 2005

- Conducted and produced a literature survey that investigated methods of mapping content to user and device-specific interfaces for the [proactive user interface](#) project.
- Built a prototype to illustrate content mapping based on user profiles, pipelines and XSLT.
- Identified a model-based mapping framework and presented findings to peers and other departments.

Webmaster, Center for Social Services Research, UC Berkeley

Jul 2001-May 2005

- Restructured the CSSR website [[homepage](#)] to improve consistency, logic, and usability based on information architecture principles.
- Completely rebuilt a small static HTML website into a large, complex, dynamic website with ASP server-side programming.
- Originated a file-naming convention to organize and access data logically and consistently.
- Established an extensive QA tracking system working with QA team to catch errors.
- Added a searchable publications database with computer/PDA-accessible PDF downloads.
- Using SAS-generated XML, generated printer-friendly/web-friendly pages using XSL.
- Optimized search engine rankings with registration, meta-tags, and link-trades with related websites. Analyzed server logs.
- Hired, trained, managed assistants to help update the website. Created training documentation.

HELEN (HYE Y.) KIM

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415-595-6178

<http://fusion.sims.berkeley.edu/helki/>

helki@sims.berkeley.edu

Web Developer, Terra Lycos, Inc., San Francisco, CA

Apr 2000-May 2001

- Successfully delivered multiple "Artist Special Feature" pages for Lycos Music's largest client, (1M+ page views per feature). These top priority projects were highly time-sensitive and promoted throughout the network. [\[Lycos Music\]](#) [\[Hotbot\]](#)
- Hand-coded web pages using DHTML and ASP (in VBScript) according to design specifications.
- Worked with Product Managers, Designers, and QA to ensure timeliness and quality of projects.

Webmaster/ Communications Associate, International Center in NY, New York, NY *Jan 1997-Feb 2000*

- Supervised development, redesigned layout, edited, formatted, promoted new website [\[homepage\]](#) and newsletter to recruit potential volunteers and international students.
- Conducted monthly internet and e-mail workshops for members and volunteers.
- Devised complex SQL queries, reports using dbase IV, Access databases for targeted mailings.

Marketing Assistant / Tracking Coordinator, Jumbo.com, New York, NY

Sept-Dec 1996

- Tracked cost-per-1000-impressions (CPM) for online ads to ensure contractual compliance.
- Developed documentation & trained co-workers on ad-serving NetGravity software.

SCHOOL PROJECTS:

Participated in needs assessment, requirements gathering, user interviews, design, development, prototyping, implementation and/or documentation in a number of class projects.

Social Responsibility Barcode Project [\[final project documentation\]](#)

Fall 2005-present

Consumer application that scans product ID to return social and environmental manufacturing data. Proof-of-concept prototype developed for Flash lite plug-in and Symbian OS on the mobile phone.

UFOVis [\[project website\]](#)

Fall 2005

Visualization of UFO sighting data incorporating the Yahoo! Maps API.

Collaborative Bargains Database Application

Fall 2005

Shopping deals aggregator and search application developed using PHP and mySQL database.

SIMster Peer-to-Peer Network Application

Spring 2005

Distributed computing application that searches for, connects, and exchanges data with peer nodes on the network.

FilterFeeder prototype application

Spring 2005

RSS feeds application that filters out/for subject keywords developed with [smallx](#) pipeline technology and XSL.

Mobile Phone Art Tour Application [\[project website\]](#)

Fall 2004

Faceted metadata classification framework for a mobile public art tour application using [Protégé](#) ontology editor.

SKILLS:

Software: Dreamweaver, FrontPage, EditPlus; Visual InterDev, Eclipse, Perforce, NetBeans, Smallx Pipeline Technology, Ant; ImageReady, Photoshop, Media Cleaner Pro, Real Video plug-in technology, Macromedia Flash 8, Flash Lite, Aldus PageMaker (Mac and PC), Visio; SPSS, Access, Dbase IV, ACT, MySQL and Oracle databases; WS-FTP, Cross-browser compatibilities.

Programming Languages: ASP (in VBScript), PHP, Python (Symbian OS), Java (working knowledge), JavaScript, CSS, DHTML, AJAX, HTML (hand-coder), XML, XSL, and SQL.

Other: Korean, French. Excellent written and verbal communication skills. Demonstrated team player. Thrives in collaborative environments.

Liang Huang

CONTACT INFORMATION	3330 Walnut Street, Levine Hall Department of Computer and Information Science University of Pennsylvania Philadelphia, PA 19104	Phone: (215) 898-8543 Fax: (215) 898-0587 lhuang3@cis.upenn.edu www.cis.upenn.edu/~lhuang3
RESEARCH INTERESTS	<i>Computational Linguistics</i> Efficient Algorithms for Parsing and Translation Syntax-based Machine Translation Grammar Formalisms and Tree Transducers <i>Theoretical Computer Science</i> Generic Dynamic Programming, Hypergraph and Semiring Frameworks Algorithms for k -best Problems	
EDUCATION	University of Pennsylvania , Philadelphia, Pennsylvania USA Ph.D. Student, Computer and Information Science Advisor: Prof. Aravind K. Joshi M.S.E., Computer and Information Science, May 2005 Shanghai Jiao Tong University , Shanghai, CHINA B.S., Computer Science (with highest distinction), July 2003	
TEACHING EXPERIENCE	University of Pennsylvania Instructor, CSE 399-004 Python Programming Teaching Assistant, CSE 320 Algorithms Teaching Assistant, CSE 262 Automata, Complexity & Computability <i>Awarded University Graduate Teaching Prize</i>	<i>Spring 2006</i> <i>Spring 2005</i> <i>Fall 2004</i>
RESEARCH EXPERIENCE	Information Sciences Institute , University of Southern California (USC/ISI) Visiting Research Assistant <i>Supervisors: Dr. Kevin Knight and Dr. Daniel Marcu</i> Research on Statistical Syntax-based Machine Translation <ul style="list-style-type: none">• Synchronous Binarization for Decoding and Synchronous Parsing• Machine Translation as Lexicalized Parsing with Hooks• Stochastic Syntax-Directed Translation Research on Tree-Transducer Algorithms <ul style="list-style-type: none">• k-best extension of the Knuth 1977 Algorithm	<i>Summer 2005</i>
	University of Pennsylvania , Philadelphia, Pennsylvania Graduate Research Fellow <i>Supervisor: Prof. Aravind Joshi</i>	<i>Fall 2003 - present</i>

Research on both NLP (statistical parsing and Tree-Adjoining Grammars) and its application to the structural modeling of biological sequences (in collaboration with Prof. Ken Dill's group at UCSF).

Independent Study

Fall 2004

Supervisors: Prof. Sampath Kannan and Prof. Junhyong Kim (Penn Biology)

Research on algorithms for phylogeny reconstruction.

Independent Study

Spring 2004

Supervisor: Prof. Stephanie Weirich

Research on Type-Directed Java, an extension to Generic Java.

HONORS AND
AWARDS

1. Finalist, Microsoft Graduate Fellowship *2006*
2. Penn Prize for Excellence in Teaching by Graduate Students, University of Pennsylvania (*University-wide award for top 12 TAs*) *2005*
3. Dean's Fellowship, Dept. of Computer and Information Science, University of Pennsylvania *2003-2004*
4. First Prize, National Finals, China Undergraduate Mathematical Contest in Modeling *2002*
5. People's Scholarship, Shanghai Jiao Tong University *2000-2002*
6. 4th Place, ACM International Collegiate Programming Contest, Shanghai site *2000*

INVITED TALKS

“Better k -best Parsing, Hypergraphs, and Dynamic Programming.”

- USC Information Sciences Institute, Marina del Rey, CA *June 2005*
- Google Inc., Mountain View, CA *Oct. 2005*
- New York City NLP forum, New York, NY *Nov. 2005*
- Johns Hopkins University, Baltimore, MD *Nov. 2005*
- University of Rochester, Rochester, NY *Nov. 2005*
- Microsoft Research, Redmond, WA *Dec. 2005*

PUBLICATIONS

WORKING PAPERS

- Liang Huang, Kevin Knight, and Aravind Joshi (2006). Syntax-Directed Translation with Extended Domain of Locality. In Submission.

REFEREED CONFERENCE AND WORKSHOP PAPERS

- Hao Zhang, Liang Huang, Dan Gildea and Kevin Knight (2006). Synchronous Binarization for Machine Translation. *Proceedings of HLT-NAACL 2006*. To Appear.
- Liang Huang and David Chiang (2005). Better k -best Parsing. *Proceedings of the 9th International Workshop on Parsing Technologies (IWPT)*.
- Liang Huang, Hao Zhang and Daniel Gildea (2005). Machine Translation as Lexicalized Parsing with Hooks. *Proceedings of the 9th International Workshop on Parsing Technologies (IWPT)*.
- Stephanie Weirich and Liang Huang (2004). A Design for Type-Directed Programming in Java. *Proceedings of the Workshop on Object-Oriented Developments (WOOD)*. The extended version is University of Pennsylvania Computer and Information Science Technical Report MS-CIS-04-11.

- L. Huang, Y. Peng, Z. Wu, Z. Yuan, H. Wang and H. Liu (2003). Pseudo Context-Sensitive Models for Parsing Isolating Languages: Classical Chinese – A Case Study. *Proceedings of the International Conference on Intelligent Text Processing and Computational Linguistics (CICLING)*.
- L. Huang, Y. Peng, H. Wang, and Z. Wu (2002). PCFG Parsing for Restricted Classical Chinese Texts. *Proceedings of the COLING Workshop on Chinese Processing (SIGHAN)*, Taipei.

MONOGRAPH (IN CHINESE)

- Rujia Liu and Liang Huang (2003). *The Art of Algorithms and Programming Contests* Tsinghua University Press, Beijing.

PROFESSIONAL SERVICE

- Reviewer (PC member) for COLING-ACL 2006.
- Program Committee member, Workshop for Computationally Hard Problems in Speech and Language Processing, HLT-NAACL 2006.
- Reviewer, NESCAI: North East Student Colloquium on Artificial Intelligence, 2006.

OTHER INFORMATION

- Citizen of the People's Republic of China. F-1 visa in the United States.
- Languages: Chinese (Wu/Mandarin) (native), English (fluent), French (basic).
- Programming Languages: Python, Java, C/C++, Pascal, O'Caml, Prolog, Perl.
- Hobbies: Ping-Pong, Soccer, Classical Chinese Poetry, Classical Music, Go.

REFERENCES

- **Aravind K. Joshi**
Department of Computer and Information Science
University of Pennsylvania
Philadelphia, PA 19104
joshi@linc.cis.upenn.edu
- **Kevin Knight**
Information Sciences Institute
University of Southern California
Marina del Rey, CA 90262
knight@isi.edu
- **Fernando Pereira**
Department of Computer and Information Science
University of Pennsylvania
Philadelphia, PA 19104
pereira@cis.upenn.edu
- **Mitch Marcus**
Department of Computer and Information Science
University of Pennsylvania
Philadelphia, PA 19104
mitch@cis.upenn.edu

Vita of Jan M. Allbeck

Systems Programmer, Center for Human Modeling and Simulation
Computer and Information Science Department
University of Pennsylvania, Philadelphia, PA 19104-6389
215-573-9463; 215-573-7453 (fax); allbeck@seas.upenn.edu

Degrees:

BA 1995 Mathematics, Bloomsburg University, Bloomsburg, PA
BS 1995 Computer Science, Bloomsburg University, Bloomsburg, PA
MSE 1997 Computer and Information Science, University of Pennsylvania, Philadelphia, PA
Ph.D. Candidate Computer and Information Science, University of Pennsylvania (ABD)

Employment:

All-Byte Consulting, Computer Consultant, 1992-1995
University of Pennsylvania, Teaching Assistant, 1996-1997
University of Pennsylvania, Systems Programmer, 2001-present

Current Responsibilities:

- Management of HMS research projects including proposals, reports, software design and deliverables.
- Work with HMS Director, Dr. Norman Badler as well as independently to supervise both individual and group projects consisting of both graduate and undergraduate students.
- Participate in outreach activities through demonstrations of our immersive VR studio, LiveActor and HMS tours to high school groups, alumni, visiting researchers and teachers, and industry liaisons, as well as, through publications and publicity for HMS, the Digital Media Design program, and the UPenn student SIGGRAPH chapter.
- Negotiate with hardware and software vendors and oversee or perform required installations.
- Represent HMS at sponsor meetings and research conferences.

Brief Research Summary:

Research for the Center for Human Modeling and Simulation at the University of Pennsylvania focused on embodied, autonomous agents with individuality, developing behavior-based animation of human movement especially for gesture, gait, and facial expression, constructing a parameterized action representation for real-time simulation and animation, and understanding the relationship between human movement, natural language, and communication.

Selected Professional Activities:

- Programmer/content designer, ONR Virtual Environments for Training. UPenn, 1996-2001.
- Programmer/system designer/project manager, NSF The Actionary: A Dictionary that Portrays Natural Language Expressions as Context-Sensitive Simulations of Human Actions. UPenn, 1999-2001.
- Program/system designer, Pedestrians: Creating Agent Behaviors through Statistical Analysis of Observation Data. UPenn, 2000.
- Project manager, ACUMEN: Amplifying Control and Understanding of Multiple Entities. UPenn, 2001-2002.
- Project manager/programmer, NASA Crew Task Simulation for Maintenance, Training, and Safety. UPenn, 2000-2003.
- Project manager/programmer, LMCO Animation test-bed. UPenn, 2002-2004.
- Project manager, ONR VIRTE (Virtual Technologies and Environments). UPenn, 2004.
- Project manager, NASA RIVET (Rapid Interactive Visualization for Extensible Training). UPenn, 2004.

- Reviewer for Computer Graphics International, 2001; SIGGRAPH, 2001; Graphical Models Journal, 2001; Autonomous Agents, 2001; Computer Animation, 2001; Web3D, 2002; Autonomous Agents and Multi-agent Systems, 2002; Computer-Human Interaction, 2003; SIGGRAPH, 2003; Autonomous Agents and Multi-agent Systems, 2003; Intelligent Virtual Agents, 2003; Computer Graphics International, 2004; Autonomous Agents and Multiagent Systems, 2004; Eurographics, 2004; Technologies for Interactive Digital Storytelling and Entertainment, 2004; IEEE Transactions on Visualization and Computer Graphics, 2004
- Program committee, Virtual Storytelling 2003, CHI Workshop on Subtle Expressivity for Characters and Robots 2003, AAMAS Workshop on Embodied Conversational Characters as Individuals 2003.

Selected Publications:

- J. Allbeck and N. Badler. "Embodied Autonomous Agents," In Handbook of Virtual Environments, K. Stanney, Ed., Lawrence Erlbaum Associates, 2002, pp. 313-332.
- N. I. Badler and J. M. Allbeck. "Towards Behavioral Consistency in Animated Agents," Proceedings of Deformable Avatars, Kluwer Academic Publishers, N. Magnenat-Thalmann and D. Thalmann, eds., 2001, pp. 191-205.
- J. Allbeck and N. Badler. "Creating Embodied Agents with Cultural Context," In R. Trappl and S. Payr (Eds.), Agent culture: Designing virtual characters for a multi-cultural world. New York: Lawrence Erlbaum Associates, 2004, pp. 107-126 .
- N. Badler, J. Allbeck, L. Zhao, and M. Byun. "Representing and Parameterizing Agent Behaviors", Proceedings of Computer Animation, IEEE Computer Society, June 2002, Geneva, Switzerland, pp. 133-143.
- J. Allbeck and N. Badler. "Toward Representing Agent Behaviors Modified by Personality and Emotion", "Workshop Embodied conversational agents - let's specify and evaluate them!" at Autonomous Agents and Multiagent Systems 2002, Bologna, Italy.

Other Publications:

- J. Allbeck and N. Badler. "Representing and Parameterizing Agent Behaviors". In "Life-like Characters: Tools, Affective Functions and Applications." Helmut Prendinger and Mitsuru Ishizuka, Eds. Springer, Germany, 2003, pp. 19-38 .
- R. Bindiganavale. W. Schuler, J. Allbeck, N. Badler, A. Joshi, and M. Palmer. "Dynamically Altering Agent Behaviors Using Natural Language Instructions". Proceedings of Autonomous Agents 2000, pp. 293-300.
- K. Ashida, S.J. Lee, J. Allbeck, H. Sun, N. Badler, and D. Metaxas. "Pedestrians: Creating Agent Behaviors through Statistical Analysis of Observation Data." Proceedings of Computer Animation 2001, pp. 84-92.
- N. Badler, R. Bindiganavale, J. Allbeck, W. Schuler, L. Zhao, M. Palmer. "Parameterized Action Representation for virtual human agents," In J. Cassell, J. Sullivan, S. Prevost, and E. Churchill (eds.), Embodied Conversational Agents, MIT Press, 2000, pp. 256-284.
- J. Allbeck, K. Kipper, C. Adams, W. Schuler, E. Zoubanova, N. Badler, M. Palmer, and A. Joshi. ACUMEN: Amplifying Control and Understanding of Multiple ENTities, Proceedings of Autonomous Agents and Multi-Agent Systems, ACM Press, July 2002, Bologna, Italy, pp. 191-198

Jonathan P. Grady

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Pittsburgh, PA 15232

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EDUCATION

Carnegie Mellon University - M.S. Electronic Commerce, 2001 **Pittsburgh, PA**

- Joint program of the Tepper School of Business and the School of Computer Science.
- GPA: 3.84

Ursinus College – B.A., Economics & Business Administration, 1997 **Collegetown, PA**

- Graduated Magna Cum Laude, with Honors; GPA: 3.76
- Inducted into the Tau of Pennsylvania Chapter of Phi Beta Kappa - May, 1997

EXPERIENCE

ExxonMobil/Manpower Professional **Pittsburgh, PA**
Delivery Processing Specialist (Contract Employee) *April, 2004 – November, 2004*

- Coordinated the daily delivery of gasoline and diesel to 650 company-branded stations in the Upstate New York and Mid-Atlantic regions.
- Provided support in a call-center environment to all retail service stations in the United States, as well as fleet operations in Upstate New York and the Mid-Atlantic regions.
- Evaluated sales trends and managed fuel inventory levels for retail service stations.
- Trained and mentored new employees on all systems, controls, and delivery objectives.

OnTV Pittsburgh **Pittsburgh, PA**
Director of Production *June, 2001 – May, 2003*

- Directed all aspects of the company's website production and web hosting, and managed the company's retail outlet in Pittsburgh, PA.
- Built and administered the company's internal Windows 2000 network.
- Coordinated move of company's servers to a co-location facility, cutting related operating expenses by 50% and eliminating previous causes of downtime.
- Programmed and designed web pages, set up customer email and FTP accounts, and provided technical support to all customers.

Bloomberg L.P. **Princeton, NJ**
Data Analyst *June, 1997 – April, 2000*

- Co-managed project with Bloomberg programming departments to automate the entry of mutual fund data: reduced average data entry time by one-third and increased data coverage by 400%.
- Programmed and administered MS Access databases; provided Windows NT desktop support.
- Provided support in a call-center environment to all Bloomberg Portfolio customers.
- Trained new Bloomberg employees on all aspects of the Portfolio product.

COMPUTER SKILLS

- Operating Systems: Windows 95/98/2000/NT/XP, Macintosh, Linux, FreeBSD UNIX.
- Programming Languages: HTML, XML, ASP, ColdFusion, JavaScript, VBA, SQL, Java, Perl.
- Software Packages: MS Office 2000, MS FrontPage, Macromedia Flash, Adobe Photoshop.
- Networks & Related: Apache, IIS, DNS, Sendmail, TCP/IP, Wireless LAN.

Joshua S. Chao (趙士驊)

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Fax: (510) 642-5814
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Web: <http://dream.sims.berkeley.edu/~joshuach/>

EDUCATION

Master of Information Management & Systems School of Information Management & Systems (SIMS) http://sims.berkeley.edu/	May 2006 UC Berkeley
Management of Technology Certificate (MOT) College of Engineering, Haas School of Business, and SIMS joint program http://mot.berkeley.edu/	May 2006 UC Berkeley
Bachelor of Arts , Cognitive Science with a Minor in Computer Science http://ls.berkeley.edu/ugis/cogsci/	December 2001 UC Berkeley

EXPERIENCE

[VertSearch Project, SIMS, UC Berkeley](#) 12/2005 - Present
<http://dream.sims.berkeley.edu/groups/vertsearch/>

Taking the role of team lead and product manager for the VertSearch project, a SIMS Master's Project. The project is an online personal profiler designed to facilitate the task of employment matching for both job seekers and employers. Features include profile customization, visualization of professional qualifications, document repository and indexing (search), and job filtering. Responsibilities include managing a technical development team and a non-technical research team to complete the product design, prototyping, needs assessment, and market research. We will present our findings and demo our prototype at the end-of-term project showcase.

[China Club, UC Berkeley](#) 12/2005 - Present
<http://www.berkeleychinaclub.org/>

Elected as the president of the UC Berkeley China Club. The China Club brings together UC Berkeley graduate students from campus departments such as the schools of information, engineering, and business who share a common interest in understanding and meeting the challenges related to China's rise as a global cultural, economic, and intellectual power. Our mission is to promote Chinese awareness by fostering strong ties between UC Berkeley graduate students and members of industry, academia, and governmental bodies who share a common interest in China. In January 2006, we organized a trip to China where we met with student organizations and Chinese companies. The trip was a success and resulted in the creation of strong bilateral ties between our club and our Chinese counterparts.

[Center for Research on Chinese & American Strategic Cooperation, UC Berkeley](#) 10/2005 - Present
<http://crc.berkeley.edu/>

Selected as a fellowship recipient and IT Manager for the CRC, a think-tank dedicated to strategy, education, and policy challenges regarding China's rise as a global power. Responsibilities include IT strategy, event planning and logistics, and event promotion. Currently assisting in the organization of the China Venture Capital Forum in Shenzhen, China to be held in April 2006.

[California Digital Library, University of California](http://www.cdlib.org/) 08/2005 - 01/2006
<http://www.cdlib.org/>

Consulted for CDL as a Graduate Student Researcher with the School of Information Management & Systems. The project involved an assessment of a usage statistic collection and reporting system for the online Melvyl library catalog. Responsibilities included evaluation of the system and research into additional methods and sources of information. Resulting from this project was a recommendation document outlining improvements to the system.

[China Digital Times, UC Berkeley](http://www.chinadigitaltimes.net/) 08/2005 - 12/2005
<http://www.chinadigitaltimes.net/>

Worked as a member of the IT strategy team at the China Digital Times, an online collaborative news project focused on China issues spearheaded by the Graduate School of Journalism. Tasks included feature design and content contribution.

[Garage Cinema Research, UC Berkeley](http://garage.sims.berkeley.edu/) 01/2005 - 08/2005
<http://garage.sims.berkeley.edu/>

Employed as a Graduate Student Researcher and system developer for the Mobile Media Metadata (MMM) group. The MMM project collected mobile phone camera usage data through a centralized photo-sharing application. Worked on both the server and client applications for the system.

[NTT Multimedia Communications Laboratories, Inc.](http://www.nttmcl.com/) 06/2001 - 06/2005
<http://www.nttmcl.com/>

Employed as a software engineer on the Wireless team working on various projects related to enterprise wireless LANs. Some of my projects included the access system used in NTT Communication's HotSpot WiFi service in Japan, a logging and analysis system on the AirBears WiFi network at UC Berkeley, and a WiFi VPN product. Since NTT MCL was a small company, I worked on many different aspects of each project such as web design, software design, database design, documentation and marketing materials for trade-shows.

[Department of Computer Science, UC Berkeley](http://www.eecs.berkeley.edu/) 08/2000 - 12/2000
<http://www.eecs.berkeley.edu/>

Instructed as a teaching assistant for Structure and Interpretation of Computer Programs (CS61A) during the Fall semester of 2000 where I lead weekly discussion sections, office hours, review sessions, and graded assignments and tests.

[Sun Microsystems Laboratories](http://research.sun.com/) 05/2000 - 08/2000
<http://research.sun.com/>

Employed as an engineering intern on the Phaser project, a massively parallel simulation engine, where I developed a Verilog HDL language compliance test-suite for the compiler group. Over the course of the internship, my team helped discover and catalog hundreds of bugs.

HONORS

Fellowship, Institute of Management, Innovation & Organization, UC Berkeley, 02/2006, 10/2005
Fellowship, CRC China Intellectual Property Research Program, UC Berkeley, 12/2005
Fellowship, School of Information Management & Systems, UC Berkeley, 08/2004 - 05/2005
Undergraduate Academic Honors, UC Berkeley, 12/1997 - 05/1998

LANGUAGES

Conversational Fluency, Mandarin Chinese

Kelly Bryant

bryantkelly@gmail.com

<http://dream.sims.berkeley.edu/~kbryant/>

3435 Cesar Chavez, Suite 306 San Francisco, CA 94110 c. 415 902-3462

Education

University of California, Berkeley - School of Information

- Masters of Information Management and Systems, May 2006
- Concentration in Human-Computer Interaction, User Interface Design, Information Visualization and Database Management
- 3.79 GPA

Keene State College

- Bachelor of Arts, Mathematics, Minor: Art, May 1998
- Member of Kappa Mu Epsilon, Mathematics Honor Society
- 3.53 GPA cum laude

Experience

Interaction Designer - Educational Technology Services – UC Berkeley

October 2005 - present

- Designed user interaction for an online equipment reservation system
- Communicated design recommendations to a development team using wireframing techniques
- Performed heuristic evaluation and provided design recommendations for open source course management system

Graduate Student Researcher - Uhle Collections @ Berkeley – UC Berkeley

January 2005 - May 2005

- Created a user interface design that enables easy search and browse of a large archaeology collection
- Used several prototyping techniques to perform user testing at various stages of an iterative design process

Information Designer – Endres Ware - Architects Engineers

August 2001 - October 2005

- Designed and implemented company website that showcases architecture and engineering projects
- Developed an intranet site to manage in house processes and information for quick reference
- Created promotional materials including postcards, brochures, business cards, statement of qualifications
- Restructured file/data storage using logon scripts to increase efficiency and utilize resources

Helpdesk Administrator - Sapient - TEK Systems

November 2000 - February 2001

- Provided first level technical support to advanced users
- Participated in support team, 70% field support 30% call tracking in Remedy Help Desk

Experience Continued

Helpdesk Technician - Keene State College - Campus Technology Services
October 1998 - September 2000

- Managed daily activities of a technical support center in an academic setting including seven technicians
- Provided first line technical support for over 550 faculty and staff members
- Created and maintained documentation related to technical policies and procedures

Projects

iBuyRight

www.projectibuyright.com

- Created a proof of concept user interface for a mobile phone application that will provide social and environmental information about products to consumers allowing them to make informed choices.
- Served as Project Manager for Masters final project team to set project goals and milestones as well as to communicate progress with stakeholders
- Played a key role in the visual and interaction design of mobile prototypes
- Performed needs and usability analysis using interview, surveys and comparative analysis

Empty Orchestra

<http://dream.sims.berkeley.edu/~kbryant/emptyorchestra.php>

- Designed and implemented a database of karaoke studios and songs that alleviates search and browse problems with current karaoke systems
- Implemented design using MySQL and PHP and documented system design in a written report

UFOVis

<http://www.sims.berkeley.edu:8000/academics/courses/is247/f05/projects/ufovis/>

- Created a visualization of UFO sighting data to facilitate potential spatial and temporal pattern recognition for information visualization course
- Implemented design using Yahoo! Maps API

Skills

- Very familiar with principals of graphic design and visual communication
- Strong logical and analytical approach to problem solving
- Experience with the following software:
Photoshop, Illustrator, Indesign, GoLive, Flash including ActionScript, Flash Lite, Dreamweaver, Fireworks, Omnigraffle, Microsoft Office products, MS Project, Visio
- Knowledge of HTML, CSS, Javascript, PHP, mySQL, Java, XML

Education:

University of California, Berkeley

Master of Information Management and Systems, May 2006. GPA: 3.75

University of California, Santa Cruz

Information Systems Management (B.S.), June 2004. GPA: 3.80

Highest Honors in Major; Dean's & Chancellor's Award; Phi Kappa Beta Honor Society

Work Experience:

SAP Labs, Palo Alto; Corporate Research Intern

May 2004-Present

- Project coordinator for a laptop asset tracking pilot using SAP AutoID Infrastructure and RFID technology. Responsibilities included: user requirements gathering, user interface specification, schedule and resource management, and site implementation. Presented the pilot project to SAP customers and partners at SAP TechEd '04.
- Developed a mobile application using SAP Mobile Infrastructure to transform captured RFID data into XML messages then transferred the files to SAP AutoID Infrastructure for further processing.
- Composed business scenarios for new business opportunities using SAP AutoID Infrastructure based on industry research and customer interviews. Gained an understanding of related technology such as RFID, sensor networks, and wireless tracking across the aerospace & defense, consumer products, and service industries.

SAP Labs, Palo Alto; Supplier Relationship Management Intern

April 2003-September 2003

- Developed SAP Supplier Relationship Management (SRM) training materials for consultants, including demonstration exercises in the Eclipse development environment using Webdynpro and ABAP.
- Researched and presented SAP Netweaver technologies related to Supplier Relationship Management to SAP consultants. Obtained a better understanding of web service technologies and its application to the SAP Netweaver platform.

Stanford Linear Accelerator Center, Menlo Park, CA

June 2002-December 2002

System Development Intern

- Created the front and back end of an online inventory system by designing database schemas for an Oracle database and integrated web pages in PHP.
- Completed entire project development cycle from documentation, prototyping, user interface design, and user training for the online inventory system.

Computer related Experience:

Languages: Java, JSP, PHP, SQL, HTML, XML

Software: MS Office, Access, Adobe Photoshop, Paint Shop Pro, Dreamweaver, Fireworks

Operating Systems: Windows 9X/XP, Unix

Databases: Oracle, mySQL

Academic Projects:

- Performed a detailed case study using analytical tools to address the development, management, and commercialization of RFID technology in the health care sector.
- Analyzed Cisco System's strategic use of information systems to reduce costs, improve productivity, and increase competitive advantage.
- Redesigned an alumni network user interface based on user needs assessment, usability studies, and iterative prototyping. Redesign goals are to increase number of active users and support networking opportunities across graduating years. *Project currently in progress.*

Morgan Ames

Berkeley, California 94720
morganya@simms.berkeley.edu

EDUCATION

- Graduated with high honors from Olympus High School, Salt Lake City, Utah *June 4, 1999*
- B.A. in Computer Science, University of California, Berkeley *May 26, 2004*
- Graduate student in the School of Information, University of California, Berkeley *Fall 2004-present*
Focus on science, technology and society studies, new media, and human-computer interaction
Masters in Information Management and Systems expected in May 2006, Ph.D. expected in 2009-2010

EXPERIENCE

- Graduate Student Researcher, University of California, Berkeley** *Summer 2004-present*
Investigated the social uses of personal photographs with Professor Nancy Van House
Conducted interviews, focus groups, field observations, surveys, and content analysis
- Research Intern, Yahoo! Research Berkeley** *Fall 2005-present*
Conducted quantitative and qualitative research on Flickr and other Yahoo! services
- Usability Experience Research Intern, Google** *Summer 2005*
Conducted design inquiry and user studies for a variety of Google services
- ICT Panel Coordinator, Bridging the Divide conference** *Spring 2005*
Developed topics and recruited panelists for the ICT track of the Berkeley/UNIDO Bridging the Divide conference
- Researcher, Technology and Poverty project, University of California, Berkeley** *Summer-Fall 2004*
Worked with a cross-disciplinary, inter-university team of researchers on a study of underserved communities
Conducted interviews and field observations at a low-income job training center
Designed a system for data control and community building for underserved communities
Mentored a minority undergraduate summer research intern through the SUPERB program
- Research Intern, Intel Research, Seattle** *Fall 2003*
Conducted user studies of an ambient display for the elderly and their families
- Research Intern, UrbanSim Research Group, University of Washington** *Summer-Fall 2003*
Researched the efficacy of remote usability studies with A.J. Brush through the Distributed Mentor Project
Conducted and led the quantitative analysis of dozens of co-located and remote user studies with urban planners
- Researcher, IO Research Group, University of California, Berkeley** *Fall 2001-2003*
Researched evaluation techniques for ambient displays with Professors Jennifer Mankoff and Anind Dey
Conducted and analyzed interviews and surveys on public perception of city health
Prototyped and evaluated several ambient displays, and led the prototyping of displays of city health indicators
- Web designer and web-based software developer (portfolio available)** *Summer 2001-present*
Designed and maintained interactive websites for utahquicksilver.com, ucdb.org, many classes, myself
Adept in HTML, CSS, CGI, and Python; competent in Javascript, PHP, Perl, Java, C, C++, and other languages
Implemented authentication, data encryption, postgresSQL database integration
Designed logos and other graphics for numerous student groups and classes
- Grader for computer science courses in algorithms and graphics, UC Berkeley** *Fall 2003*
- Technical designer for "I vs I" multimedia art exhibit at Culture Cache gallery** *Fall 2002*
- Presenter at Holt Planetarium, Lawrence Hall of Science** *Fall 1999-Summer 2002*
- Intern, space sciences division, Lockheed Martin Missiles and Space** *Summer 2001*
- Tutor for math and science classes at Willard Middle School** *Fall 1999-Spring 2000*

PEER-REVIEWED PUBLICATIONS

- Ames, M., & Manguy, L. PhotoArcs: A Tool for Creating and Sharing Photo-Narratives. In *Extended Abstracts of CHI 2006, ACM Conference on Human Factors in Computing Systems*. ACM Press, April 2006.
- Van House, N. A., Davis, M., Ames, M., Finn, M., & Viswanathan, V. The Uses of Personal Networked Digital Imaging: An Empirical Study of Cameraphone Photos and Sharing. In *Extended Abstracts of CHI 2005, ACM Conference on Human Factors in Computing Systems*, pages 1853-1856. ACM Press, April 2005.

Ames, M., Brush, A.J., & Davis, J. Comparing Synchronous Remote and Local Usability Studies for an Expert Interface. In Proceedings of the *Grace Hopper Celebration of Women in Computing*, October 2004.

Brush, A.J., Ames, M., & Davis, J. A Comparison of Synchronous Remote and Local Usability Studies for an Expert Interface. In *Extended Abstracts of CHI 2004, ACM Conference on Human Factors in Computing Systems*, pages 1179-1182. ACM Press, April 2004.

Ames, M., Bettadapur, C., Dey, A.K., & Mankoff, J. Healthy Cities ambient displays. In *Extended Abstracts of UbiComp 2003, Conference on Ubiquitous Computing*. October 2003.

Mankoff, J., Dey, A.K., Hsieh, G., Kientz, J., Lederer, S., & Ames, M. Heuristic evaluation of ambient displays. In *Proc. CHI 2003, ACM Conference on Human Factors in Computing Systems*, pp. 169-176. ACM Press, April 2003.

RECENT SCHOLASTIC AWARDS

National Science Foundation Graduate Fellowship recipient Three-year national fellowship for Ph.D. students in mathematics, science, and engineering	<i>March 2004</i>
SIMS Fellowship recipient One-year tuition fellowship	<i>2004</i>
Computer Research Association Distributed Mentor Project participant Paid summer research position awarded for strong research interests, potential for success in graduate school	<i>March 2003, April 2002</i>
Lockheed Martin Society of Women Engineers scholarship recipient Awarded for potential contributions to aerospace, based on an essay about usability needs in aerospace	<i>Nov. 2002</i>
CRA Collaborative Research Experience for Women stipend recipient One-year research stipend awarded for a project with another undergraduate woman in computer science	<i>August 2002</i>
Intel Student Research Contest Finalist One-year research grant for "Healthy Cities" Ambient Display project	<i>July 2002</i>
David Scholar Prestigious one-year research fellowship awarded to U. C. Berkeley students for scientific talent and financial need	<i>May 2002</i>
Eugene L. Lawler Prize Departmental award nominated by advisors for academic effort and surmounting difficulties in pursuing a degree	<i>May 2002</i>
Microsoft Scholarship recipient One-year tuition scholarship awarded for academic achievement, promise in computer science, financial need	<i>May 2001</i>
Mahoney, Lisa Rist Memorial, and Rodkey Scholar, U.C. Berkeley	<i>August 1999</i>
Silver Titan Scholarship recipient, Olympus High School	<i>May 1999</i>
Robert C. Byrd Honors scholarship recipient, state of Utah	<i>May 1999</i>
National Presidential Scholar semifinalist	<i>April 1999</i>
National Merit Scholar	<i>Feb. 1999</i>
Advanced Placement Scholar with Distinction	<i>1999</i>

RECENT SCHOLASTIC ORGANIZATIONS

Engineers for a Sustainable World	<i>2003-present</i>
Society of Women Engineers	<i>2000-present</i>
National Honors Society	<i>1996-1999</i>

RECENT EXTRACURRICULAR ORGANIZATIONS

U.C. Berkeley Ballroom Dance Team Cal Script Club Athlete of the Year for ballroom dance (2004) Have served as webmaster, instructor, captain, competition coordinator, manager, publicity, instructional secretary	<i>Fall 1999-present</i>
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REFERENCES

References available upon request.

This document is available online at <http://cv.morganya.org>

Jian Qin

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School of Information Studies
Syracuse University
235 Hinds Hall
Syracuse, NY 13244

Phone: 315-443-5642
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Email: jqin@syr.edu
<http://web.syr.edu/~jqin/>

Curriculum Vita

(Updated 12/20/2005)

ACADEMIC BACKGROUND

Education

Ph.D., Graduate School of Library and Information Science, University of Illinois at Urbana-Champaign, 1996.

M.L.I.S. University of Western Ontario, London, Canada, 1986.

B.A. in Library Science, Wuhan University, Wuhan, China, 1982.

Experience:

Associate Professor, Syracuse University, 2005-

Assistant Professor, Syracuse University, 1999-

Visiting scholar, Online Computer Library Center (OCLC), September-November 2002.

Consultant, Workforce Development Ontology for the Institute for Work and the Economy, 2001-present.

Assistant Professor, University of Southern Mississippi, 1996-1999.

Research Assistant, Library Research Center, University of Illinois at Urbana-Champaign, 1995-1996.

Teaching Assistant, Graduate School of Library and Information Science, University of Illinois at Urbana-Champaign, 1994-1995.

Graduate Assistant, East Asian Library & Veterinary Medicine Library, University of Illinois at Urbana-Champaign, 1992-1994.

Research Assistant, Graduate School of Library and Information Science, University of Illinois at Urbana-Champaign, 1991-1992.

Lecturer, Wuhan University, China, 1986-1991.

Scholarships and Awards

- Josie B. Houchens Fellowship, University of Illinois at Urbana-Champaign, 1995.
- Graduate College Dissertation Grant, University of Illinois at Urbana-Champaign, 1994.
- Graduate College Conference Travel Grant, University of Illinois at Urbana-Champaign, 1994.
- Hostettel A & M Scholarship, University of Illinois at Urbana-Champaign, 1993.
- Fellowship of the Mortenson Center for International Library Program, University of Illinois at Urbana-Champaign, 1992.

AREAS OF RESEARCH INTEREST

Knowledge organization systems, schema representation of information, metadata, semantic patterns in indexing databases, and scientific communication.

TEACHING RESPONSIBILITIES

IST459 Introduction to Database Management Systems
IST558 Technologies for Web Content Management
IST616 Information Resources: Organization and Access
IST659 Data Administration Concepts and Database Management
IST731 Knowledge Organization Structures

Other courses taught at the University of Southern Mississippi:

LIS505 Introduction to Cataloging and Classification
LIS506 Advanced Cataloging and Classification
LIS655 Technical Services
LIS653 Indexing and Abstracting
LIS558 Internet Resources and Applications

RESEARCH

Funded Projects

Qin, J. & B. Kwasnik. "Building an Interactive Digital Lab for Distance and Campus Students." Syracuse University Vision Fund 2001.

Qin, J. Institute for Scientific Information (ISI) Citation Research Grant, 1997. "Cognitive Relevance in Citation Index and Citation-Semantic Searching: Antibiotic Resistance."

OCLC Library and Information Science Research Grant, 1997. "Computational Representation of Web Objects in an Interdisciplinary Digital Library: A Survey and an Experiment in Polymer Science."

PUBLICATIONS

Book Chapters

Qin, J. (2004). Web content management. In: H. Bidgoli (ed.), *The Internet Encyclopedia*. New York: John Wiley & Sons. ISBN 0-471-22201-1 (Refereed)

Qin, J. (2002). Semantic patterns in bibliographically coupled citations. In: A. Kent (ed.), *Encyclopedia of Library and Information Science*, Vol. 72, 341-365. New York: Marcel Dekker, 2002.

Refereed Journal Articles

Park, J. & J. Qin. (in review). Exploring antecedents of scholars' attitude towards open access: a grounded theory approach. Submitted to *Journal of the American Society for Information Science and Technology*.

Qin, J. & N. Hernández. (forthcoming). Building interoperable vocabulary and structures for learning objects. *Journal of the American Society for Information Science and Technology*, forthcoming.

Qin, J. & M. Taffet. (2004). Vocabulary use in XML standards in the financial and capital markets domain. *Knowledge and Information Systems*, 6(3): 269-289.

- Qin, J. (2004). Ontologies and Semantic Web: current development and research agenda. *Library and Information Technology* (Abstract in English, text in Chinese), No.1, 16-23.
- Qin, J. & S. Paling. (2001). Converting a controlled vocabulary into an ontology: the case of GEM. *Information Research: An International Electronic Journal*, 6(2): <http://InformationR.net/ir/6-2/paper94.html> (January).
- Qin, J. (2000). Semantic similarities in a keyword database and a controlled vocabulary database: an investigation in antibiotic resistance literature. *Journal of the American Society for Information Science*, 51(2): 166-180.
- Qin, J. & K. Wesley. (1998). Web indexing with meta fields: a survey of Web objects in polymer science. *Information Technology and Libraries*, 17(3): 149-156.
- Qin, J., F.W. Lancaster & B. Allen. (1997). Levels and types of collaboration in interdisciplinary research. *Journal of the American Society for Information Science*, 48(10): 893-916.
- Allen, B., J. Qin, & F. W. Lancaster. (1994). Persuasive communities: a longitudinal analysis of references in the *Philosophical Transactions of the Royal Society*, 1665-1990. *Social Studies of Science*, 24(2): 279-310.
- Qin, J. (1994). An investigation of research collaboration in the sciences through the *Philosophical Transactions of the Royal Society*, 1901-1991. *Scientometrics* 29(2): 219-238.

Refereed Conference Papers

- Qin, J. & J. C. Prado. (2005). Use of learning object vocabulary in GEM queries. In: T. Baker and E. Mendez (Eds.), DC-2005 Proceedings of the International Conference on Dublin Core and Metadata Applications: Vocabularies in Practice, Madrid, Spain, September 12-15, 2005, 179-182. Leganes, Spain: Library and Information Sciences Department of University Carlos III of Madrid.
- Qin, J. & F. Zhang. (2004). Managing institutional repositories with an ontology-based approach. In: Z. Chen et al. (Eds.), Digital Libraries: International Collaboration and Cross-Fertilization: 7th International Conference on Asian Digital Libraries, ICADL 2004, Shanghai, China, December 13-17, 2004 Proceedings, 300-309. LNCS3334. Berlin: Springer.
- Creticos, P. & J. Qin. (2004). Open Knowledge Exchange (OKE) for workforce development. In: C. Bussler et al. (Eds.), The Fifth International Conference on Web Information Systems Engineering, WISE 2004 Workshops, Brisbane, Australia, November 22-24, 2004, Proceedings, 73-81. LNCS 3307, Berlin: Springer.
- Qin, J. & N. Hernandez. (2004). Ontological representation of learning objects: building interoperable vocabulary and structures. In: Proceedings of WWW2004, New York, May 17-22, 2004, 348-349. New York: ACM Press.
- Qin, J. & J. Godby. (2003). Incorporating educational vocabulary in learning object Metadata Schemes. In: *Research and Advanced Technology for Digital Libraries: 7th European Conference, ECDL 2003, Trondheim, Norway, August 17-22, 2003, Proceedings*, 52-57. Berlin: Springer.

- Qin, J. & C. Finneran. (2002). Ontological representation of learning objects. In: *Proceedings of the Workshop on Document Search Interface Design and Intelligent Access in Large-Scale Collections*, JCDL'02, July 18, Portland, OR. <http://xtasy.slis.indiana.edu/jcdlui/uiws.html>
- Qin, J. (2002). Evolving paradigms of knowledge representation: a comparative study of classification, XML/DTD, and ontology. In: *Proceedings of the Seventh International Society for Knowledge Organization Conference*, July 10-12, 2002, Granada, Spain, 465-471. Würzburg, Germany: Ergon.
- Qin, J. & J. Chen. (2001). A multi-layered, multidimensional representation of digital educational resources. In: *Subject Retrieval in the Networked Environment: Proceedings of the IFLA Satellite Meeting held in Dublin*, OH, 14-16 August 2001, 90-96. München: K. G. Saur (published in 2003).
- Qin, J. (1998). Information Modules in a Scientific/Engineering Workstation: Roadblocks in Utilizing Electronic Information for Interdisciplinary Research. In: *Proceedings: Socioeconomic Dimensions of Electronic Publishing Workshop—Meeting the Needs of the Engineering and Scientific Communities*, Santa Barbara, CA, April 23-25, 121-126. Piscataway, NJ: IEEE, 1998.
- Qin, J. (1995). Collaboration and publication productivity: an experiment with a new variable in Lotka's Law. In: *Proceedings of the Fifth Biennial Conference of the International Society of Scientometrics and Informetrics*, 445-454. Medford, NJ: Learned Information.

Non-Refereed Journal Articles

- Lin, X. & J. Qin. (2002). Converging knowledge structures in a repository. *Library and Information Services*, No. 10: 5-13.
- Qin, J. & J. Chen. (2002). Integration of a resource-oriented vocabulary with knowledge-oriented vocabulary systems. *Journal of Academic Libraries*, 20(2): 2-8.
- Qin, J. (2000). Representation and organization of information in the Web space: from MARC to XML. *Informing Science*, 3(2): 83-88 (<http://inform.nu/>).
- Qin, J. (1999). Discovering semantic patterns in bibliographically coupled documents. *Library Trends*, 48(1): 108-131.
- Qin, J. (1995). Issues in scientific communication and the potential for information marketing in China. *Bulletin of the American Society for Information Science*, 21(5): 7-8.
- Qin, J. (1990). On the statistical measurements of libraries. *The Bulletin of the Library Science Association of China*, no. 3: 42-45. (Text in Chinese)
- Qin, J. & H. Fu. (1985). The public library and the GNP: a correlation analysis. *Library Science Research*, no. 5: 35-37. (Text in Chinese)
- Qin, J. & H. Fu. (1985). An introduction to indexing and abstracting services in economics and business in Western countries. *World Books*, no. 4: 24-26 (1985). (Text in Chinese)
- Qin, J. (1984). A history of economics and business periodicals in China. *World Books*, no. 7: 5-8. (Text in Chinese)

Qin, J. (1984). The supply and demand and the effectiveness of bibliographic services. *Library World*, no. 1: 34-37. (Text in Chinese)

Qin, J. (1984). A statistical analysis of bibliographic research in recent years. *The Bulletin of the Library Association of China*, no. 4: 61-63. (Text in Chinese)

Qin, J. & H. Fu. (1983). Issues in economics and business periodicals and newspapers. *Utilization of Books and Periodicals*, no. 4: 42-44. (Text in Chinese)

Conference Papers

Qin, J. (2003). Semantic Web and ontologies: current development and research agenda. *Symposium of Sustainable Development and Innovations for Libraries*, Beijing, China, December 20-23, 2003.

Lin, X. & J. Qin. (2002). Building a topic map repository. In: *Knowledge Technologies Conference, March 11-13, 2002, Seattle, Washington*.
<http://www.knowledgetechnologies.net/proceedings/presentations/lin/xialin.pdf>

Qin, J. (2001). Ontology-based metadata for intelligent digital libraries. In: C. C. Chen (ed.), *Global Digital Library Development in the New Millennium*, pp. 243-250. Beijing: Tsinghua University Press.

Qin, J. (1998). Cognitive relevance in citation index and citation-semantic searching: antibiotic resistance. In: *19th Annual National Online Meeting Proceedings--1998*, 297-306. Medford, NJ: Information Today, 1998.

Qin, J. (1995). The Development of collaboratories in the U.S. and its inspirations for science policy of China. In: *Proceedings of the Second Academic Conference of Young Scientists*, 498-502. Beijing: China Science and Technology Press, 1995. (Text in Chinese)

Conference Presentations

Qin, J. & J. H. Park. (2004). The Impact of open access journals on scientific collaboration: a methodological discussion. Panel presentation accepted by the ASIST Annual Meeting 2004.

Qin, J. & W. Y. Hsiao. (2004). How users search in educational digital libraries: findings of GEM query log analysis. Panel presentation accepted by the ASIST Annual Meeting 2004.

Tarr, S. & J. Qin. (2004). Classifying fire service video clips with a user-centered approach. Panel presentation accepted by the ASIST Annual Meeting 2004.

Qin, J. (2002). Collaborative construction of a content architecture for digital resources. Panel presentation at ASIST Annual Meeting 2002.

Qin, J. (1999). Discipline- and industry-wide metadata schemas: semantics and namespace control. Panel presentation at ASIS Annual Meeting 1999.

Qin, J. (1997). Semantic patterns in citation clusters: subject distribution and shifting in the literature of antibiotic resistance in pneumonia. Panel presentation at the American Society for Information Science Annual Meeting 1997.

Report:

Qin, J. *Computational Representation of Web Objects: A Framework for Adapting and Extending Dublin Core Metadata Elements*. A report to the OCLC with the support of the Library and Information Science Research Grant, January 1999.

http://www.oclc.org/research/publications/arr/1998/qin/computational.abstract_contents.htm

Reviews:

Review of G.C. Bowker & S. L. Star (eds). (2000), How classifications work: problems and challenges in an electronic age. *Information Processing and Management*, 36, 331-339.

Review of Chongde Wang. (1995). *Bibliometrics: A Textbook*. *Journal of Information, Communication and Library Science* 2(2): 84-85.

Editorials

Qin, J., Kwasnik, B., & Roussinov, D.. (2001). Editorial - Knowledge Representation. *Information Research: An International Electronic Journal*, 6(2): <http://InformationR.net/6-2/KReditor62.html> .

Qin, J. (2000). Working with data: discovering knowledge through mining and analysis. *Bulleting of the American Society for Information Science & Technology*, 27(1): 5-6.

Qin, J. and Norton, M. J. (1999). Introduction [for the Knowledge Discovery in Bibliographic Databases issue]. *Library Trends*, 48(1): 1-8.

Special Issues Edited:

Qin, J., Kwasnik, B., & Roussinov, D. (Eds.) (2001). Special issue on taxonomy and classification. *Information Research: An International Electronic Journal*, 6(2): <http://InformationR.net/6-2/paper94.html>.

Qin, J. (ed.) (2000). Knowledge discover in databases. *Bulletin of the American Society for Information Science*, 27(1).

Spink, A. & Qin, J. (eds.) (2000). Web research and information retrieval. *Information Processing and Management*, 36(2): 205-89.

Qin, J. & Norton, M. J. (eds.). (1999). Discovering knowledge in bibliographic databases. *Library Trends*, 48(1).

Invited Presentations and Talks

Presentations given at: (a) China Academic Library and Information System (CALIS) (July 4-8, 2005), (b) Tsinghua University Library (June 24, 2005), (c) the Library of Chinese Academy of Science (June 25, 2005), (d) Library Associations of Zhejiang Province, Jiangsu Province, and Shanghai (June 30-July 1, 2005), and (e) Xiamen University Library (July 3-8, 2005) on the following topics:

1. Building a Semantic Network for Information Retrieval
2. Semantic Web and Ontologies.

Presentations given at (a) the Advanced Seminar for Digital Library Research and Development, Shenzhen University Town, Shenzhen, China, June 23-25, 2004;(b) the Third Advanced Seminar for Network Information and Technology Development, Beijing Document Services, Beijing, China, June 28-29, 2004; and (c) Wuhan University Library, Wuhan, China, July 1-2, 2004:

1. Metadata and the organization and management of scientific data and information
2. The role of academic libraries in building digital learning resources
3. Semantic Web and ontologies

Introduction to Semantic Web standards, technologies, and applications. A one-day workshop given at Beijing University Library, December 20, 2003.

Introduction to Semantic Web standards, technologies, and applications. A half-day seminar given at Qinghua University Library, December 22, 2003.

Introduction to Semantic Web standards, technologies, and applications. A half-day seminar given at Shanghai Jiaotong University Library, January 2, 2004.

Knowledge Management and Technology: Challenges and Opportunities for Libraries. *Symposium of Knowledge Management*, Beijing, China, May 20, 2002. Sponsored by Chinese Academy of Science Library and Information Center.

Introduction to eXtensible Markup Language (XML). *Second Advanced Seminar for Network and information Technology 2000*, sponsored by Beijing Document Service, Beijing, China.

Technology and Standards for Information Resource Sharing. A three-day seminar given at the Second Summer Workshop for Advanced Librarianship, Sichuan University, Chengdu, China, July 19-22, 1999.

SERVICES

Institutional Committees and Services

School of Information Studies, Syracuse University:

Curriculum Committee, member, 2003-2004

Distance Education Committee, member, 2002-2003

Personnel Committee, member, 2001-2002

Search Committee, Coordinator for MLS Search, 2000-2001

Faculty Advisor for IST SLA Student Chapter, 2001-

Financial Aid Committee, IST, member, 1999-2000

Search Committee for GEM project specialist and cataloger, member, 1999-2003

School of Library and Information Science, University of Southern Mississippi:

Student Activities Committee, Chair, 1997-1999.

Search Committees for Director and Assistant Professor Positions, member, 1996-1999.

Designer and master of the web site at School of Library and Information Science, 1998-1999.

Professional Services

Editorial Board

Information Research: An International Electronic Journal

<http://www.shef.ac.uk/~is/publications/infres/ircont.html>, member, 1999-

Modern Library and Information Technology, member, 2003- (Published by the Chinese

Academy of Science Library and Information Center)

Reviews

ASIST Annual Conference Research papers
BMC Complementary and Alternative Medicine (BMC = BioMed Central)
DC2003 (Program Committee member)
Grant proposals for the Singapore National Institute for Education
Information Processing and Management
Information Research
Journal of the American Society for Information Science and Technology
The Seventh International Conference on Digital Libraries

Committees

American Society for Information Science and Technology
Best Information Science Book Award Jury Committee, Chair, 2003
Awards and Honors Committee, member, 2002
ISI/ASIS&T Citation Research Grant Jury Committee, member, 1999-2001
SIG/Scientific and Technology Information, Coordinator of Student Award, 1999-; Chair-elect, 2004-2005, Chair, 2005-2006.

Special Libraries Association
Committee on Cataloging, Chair, 2002-2003; member, 2001-2003.
Upstate New York Chapter Advisory Board, member, 2001-

Panels Organized and Moderated

Organizer and Moderator for the ASIST Annual Meeting 2005: “Managing Scientific Data and Information: A Technical Discussion.”

Moderator for the ASIST Annual Meeting 2004: “Metadata and Standards.” (Paper session)

Organizer and Moderator for the ASIST Annual Meeting 2002: “Deeper Representation of Digital Information: from Metadata to Semantic Data.”

Organizer and Moderator for the ASIS&T Annual Meeting 2000: “Conquering the Babel: Cross-Lingual Information Retrieval.”

Organizer of a panel for the ASIS Annual Meeting 1999: “The Metadata Architecture: Issues, Problems, and Future Research.”

Organizer of a panel for ASIS Annual Meeting 1999: “Discovering Knowledge Networks: from Document Representation to Content Linkages.”

Organizer and moderator of a panel proposal accepted by ASIS Mid-Year 1999. “Access to Scholarly Information via Professional Societies' Web Sites: Content, Means, and Uses.” (Withdrawn due to conflicting schedules)

Organizer of a panel for the ASIS Annual Meeting 1997 “Multilingual Databases in the Networking Age: Strategies for Connecting Producers and Users.”

Memberships

American Society for Information Science and Technology
Special Library Association

Stephen Chan
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Fremont, CA 94536
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(510)486-4340 work
chanste@pacbell.net

Education: B.S. Information and Decision Systems, Carnegie-Mellon University, 1990

Skills:

Leadership and Communications – project management, presentation skills, recruitment of teams from ground up, writing documentation/proposals/policies, ability to identify and prioritize tasks that need to be accomplished based on very high level and/or ambiguous directions

Design and Implementation of Web Applications Infrastructures – network design, security practices, design/specification/purchase/implementation of server environments, producing specifications for developers, project leadership for development of portal including email, news, search and RDBMS backend

Design and Operations of Distributed Computing Environments – in addition to web applications above, also highly experienced in other distributed computing environments: leadership of NERSC Grid efforts to build the DOE Science Grid, cutting edge experience in building production quality Grid infrastructures for international collaborations, experience in operations of mid-sized (300 processors) batch computing clusters, leadership in setting security standards for Grid computing, extensive background in mid to large site computing, as well as experience building production quality commercial and research computing infrastructures and operating them on an ongoing basis.

Specifics: Proficient in Perl (including OO perl extensions, mod_perl and interfaces to RDBMS), SQL, Oracle, C, C++ programming, Python, XML, Java application servers (jserv and weblogic), HTTP, HTTPS, SSL, CGI, Data Modelling for RDBMS, development tools for managing content publishing and site management, NFS, NIS, firewalls, search engines, Solaris, Linux, Irix, FreeBSD, DNS, sendmail, Globus Toolkit 2.x, PKI infrastructures, PAM, LDAP, VPN

Experience:

1/2001 – present: Computer Systems Engineer, NERSC division, Lawrence Berkeley National Lab

Team lead for PDSF Cluster: led team of 4 senior systems administrators in management of a 200 node computer cluster with 30 TB of online storage. Set technical direction, interacted with vendors, led expansion to PDSF that doubled capacity. Cluster used in physics experiments that detected phase shifts in solar neutrinos, and discovered additional supernova based on analysis of Hubble Space Telescope images.

Production Grid Lead: led multi-year, multi-group effort to deploy Grid Technologies across all NERSC production computer resources.

- Defined overall architecture, operational procedures and implemented core infrastructure for security and authentication at NERSC
- Participated in Global Grid Forum working groups relating to security
 - o co-author of a GGF policy document on automated client certificate usage
 - o author of GGF Production Grid Management security document on compromise mitigation.
- led the development of an LDAP directory service across NERSC
- implemented a secure credential repository for storage of PKI certificates
 - o built specially hardened Linux systems for credential repository
 - o interfaced repository with NERSC account management system and ESNet Certificate Authority
- Completed project goals well in advance of original schedule
 - o All NERSC production systems have Globus installed and available
 - o DataGrid services in operation on all production systems
 - o Established NERSC as an authority in the field of production Grid security.

7/2000 – 12/2000: Technical Entrepreneur, Reactivity Inc

- Responsible for internal IT infrastructure
 - o Backup
 - o Email
 - o file servers
 - o Phone system
 - o corporate security

9/1999 – 7/2000: Director of Production Systems, Quaartz Inc (acquired by Appiant Technologies)

- Manager of team responsible for 24x7 server operations
 - o Negotiated deals with vendors for hardware, software and services
 - o Recruited team from ground up
 - o Project management
- Administered production e-commerce environment
 - o Set system configuration standards and remote installation configs
 - o Monitoring
 - o VPN implementation
 - o Defined security policies
 - o Ownership of processes relating to problem escalation, release management and reporting
 - o Lead the design and implementation of the production server and network architecture, as well release management process from development environment into production systems.

11/1998 – 9/1999 Manager of Internet Systems Engineering, Portera Systems

- Managed systems engineering team
 - o Recruiting developers and administrators
 - o Specification of security practices
 - o Main contact for WebTrust audit by KPMG
 - o Negotiated with vendors for purchases
- Technical Leadership
 - o Architected and implemented internet portal in 90 days
 - Multi-language, multi-tiered platform
 - Supported syndicated news, email, search engine and trouble ticketing
 - Worked to define data models
 - Coded application code in Java and Perl using XML, DOM, SQL writing both client and server tools
 - o Led design and implementation of applications release process
 - o Created core Unix development and production environment single-handedly
 - Deployed complete open source tool chain, GCC, CVS, rsync, editors, gdb, make, etc...
 - o Team lead for development of internal bug tracking system
 - o Designed business to business XML strategy

7/1997 – 11/1998 Senior Unix Administrator, Lucasfilm Limited

- Completely overhauled internal Unix environment to bring it to production quality
 - o Deployed first intranet at Lucasfilm
 - o Migrated email system
 - o Upgraded and maintained Oracle Financials servers for Lucasfilm Limited, Industrial Light and Magic and LucasArts
 - o Specified, purchased and maintained 1TB disk farm
 - o Implemented Lucasfilm's first firewall
 - o System tuning for improved Oracle performance
 - o Maintained Oracle servers and clients, as well as SQLNet services.
- Web development
 - o Developed security and session state infrastructure for Lucasfilm web applications
 - Wrote OO Perl modules to interface to Oracle backend
 - Defined schemas for portal infrastructure, as well as process for releasing schema changes from development into production
 - o Created release management system
- Support of Star Wars Art Department
 - o Supported Unix workstations used by animators in pre-production art department
- Negotiated with vendors for over \$2M of hardware and software upgrades
- Mentoring junior administrators

1/1997 – 7/1997: Web Systems Technologist, Javasoft (Sun Microsystems)

- lead technical resource for server administration of www.javasoft.com and ftp.javasoft.com
- Administered internal search engine
- Controlled process for publishing from internal development web content into production servers
- Upgraded Javasoft web servers with no visible downtime to end users

8/1995 – 1/1997: Senior Unix Administrator, The 3DO Company

- Lead administrator for site containing ~100 hosts
- Technical leadership and mentoring to mid-level administrators
- Operated servers for www.3do.com and 222.meridian69.com
- Worked on team that designed billing system for Meridian69 online gaming system
 - o Oracle DBA duties
 - o Worked to define data model for billing system

2/1996 – 8/1995: Senior Unix Administrator, J. Frank Consulting (now Chordiant Systems)

- Sole administrator for site containing ~10 hosts
- Overhauled internal environment for increased stability
- Migration to new networking medium
- Day to day operational duties for Unix and Windows environment

2/1994 – 2/1995: Senior Systems Programmer, Stanford University

- Responsible for AFS file server administration
 - o Monitoring of load and connectivity of servers
 - o Implemented load balancing tools

1/1993 – 2/1994: Systems Programmer, Transarc Corporation

- Responsible for creation and installation of new servers
- IT lead for creation of licensing system for DCE/Encina
 - o Defined database schemas for licensing information

7/1990 – 1/1993: Database Applications Programmer, Carnegie-Mellon University

- Junior Ingres DBA
- Creation of Telecom Department billing application
- Training of users in application

Resume

PERSONAL INFORMATION

Name: *Wang Li*

Gender: Female

Date of Birth: 29/03/1986

Telephone: +86-13986258296, +86-27-87669205

Email: yuchen8603@yahoo.cn

Address: 04 Financial Engineering, Economics and Management School, Wuhan University
Wuhan 430072, P. R. China

Citizenship: People's Republic of China

EDUCATIONAL BACKGROUND

Bachelor of Science in Financial Engineering

Economics and Management School, Wuhan University, expected 2008

General GPA: 3.74 Major GPA: 3.78 Ranking: 2/66

Core Courses: Financial Engineering, Financial Economics, Corporate Finance, Securities Investment Analysis, Derivative security, Fixed Income of Securities, Dynamic Optimization, Stochastic Processes, Time Series Analysis.

RECORDS OF STANDARD TESTS

TOEFL	102(Reading 29, Listening 28, Speaking 20, Writing 25)	Sep. 2007
GRE	1290 (V 520, 65%, Q 770, 88%) AW 4.5, 54%	Jun. 2007
IELTS	7 (Listening 7.5, Reading 7.5, Writing 6, Speaking 7)	May. 2007

WORKING EXPERIENCES

China Construction Bank, Hubei Branch, Wuhan, China July. 2007 - Aug. 2007

Summer Intern, Personal Financial Department

- Assisted with service of personal credit card.
- Reviewed and collated the qualification of filed and signed contracts.
- Participated in the bank's strategic transformation and training program of customer service quality.

Bank of China, Hubei Branch, Wuhan, China July. 2006 - Aug. 2006

Summer Intern, Personal Consumption and Loan Department

- Assisted in Housing Mortgage Loans and Auto Loans transactions.
- Helped arrange official files.
- Participated in the market investigation of Auto Loans which covered more than 90% staff in the bank and obtained more than 100 pieces of useful information.

IMPORTANT PROJECTS

Program of Chinese National Natural Science Foundation

Prof. Assistant, Heterogeneous Investor and Asset Pricing

2007 - 2008

- Collecting relevant materials and papers.
- Data Analysis and Processing.
- Assisting with constructing and consummating the pricing model.

PUBLICATIONS

- Empirical Research on the Put-call Parity Relationship in Domestic Warrants' market, *Group Economy Research*, Oct, 2007
- Relationship between interest rate and stock price index in China, *Pioneering with Science & Technology monthly*, Oct, 2007
- Empirical Research on Return Volatility of Aluminum Futures Market in China, *Communication in Finance and Accounting*, (to be published)

ACADEMIC HONORS

- *Second-class scholarship and "Excellent Student"*, Wuhan University Sep. 2007
- *Second Prize of the "CONTENT National Case Study Competition"* Dec. 2006
- *First Prize of the "Competition of economic cases of Industries"* Dec. 2006
- *Second-class scholarship and "Excellent Student"*, Wuhan University Sep.2006
- *Second-class scholarship and "Excellent Student"*, Wuhan University Sep.2005
- *Third-class scholarship and "Excellent Freshman"*, Wuhan University Sep.2004

SKILLS

- Computer skills: Proficient in Microsoft Word, PowerPoint, Access, Excel and Eviews
- Other skills: Passed the Highest Level (Level 10) of National Piano Amateur Grade Testing.
- Detail-oriented, team-spirited, responsible and motivated.

Yi Chen

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Ira A. Fulton School of Engineering
Arizona State University
Tempe, AZ 85281

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RESEARCH INTERESTS

- Semi-structured and XML data
- Data models and languages
- Query processing and optimization techniques for databases and streams
- Scientific data management

EDUCATION

- 2005 Ph.D. Computer and Information Science, University of Pennsylvania, PA.
Advisor: Susan B. Davidson
Thesis Topic: Efficient XPath Query Processing on Stored and Streaming XML Data
- 2000 M.S. Computer and Information Science, University of Pennsylvania, PA.
- 1999 B.S. Computer Science, Central South University, China

EMPLOYMENT

- 2005- Assistant Professor
Department of Computer Science and Engineering, Arizona State University, AZ
- Summer 2003 Research Intern. IBM Research, T.J. Watson Center, NY.
- Summer 2002 Research Intern. IBM Research, T.J. Watson Center, NY.
- 2000 - 2005 Research Assistant, Database and Bioinformatics Lab,
Department of Computer and Information Science, University of Pennsylvania, PA.
- 2000 - 2001 Teaching Assistant
Department of Computer and Information Science, University of Pennsylvania, PA.
- 1999 - 2000 Research Assistant, Intelligent Software Agents & Medical Informatics Lab,
Department of Computer and Information Science, University of Pennsylvania, PA.

PUBLICATIONS

- Yi Chen, Susan B. Davidson, and Yifeng Zheng. "An Efficient XPath Query Processor for XML Streams." In *Proceedings of 22nd International Conference on Data Engineering (ICDE)*, 2006.
- Steven Bird, Yi Chen, Susan B. Davidson, Haejoong Lee, and Yifeng Zheng. "Designing and Evaluating an XPath Dialect for Linguistic Queries." In *Proceedings of 22nd International Conference on Data Engineering (ICDE)*, 2006.

- Yi Chen, Susan B. Davidson, and Yifeng Zheng. "ViteX: A Streaming XPath Processing System." Demonstration description. In *Proceedings of 21st International Conference on Data Engineering (ICDE)*, 2005.
- Steven Bird, Yi Chen, Susan B. Davidson, Haejoong Lee, and Yifeng Zheng. "Extending XPath to Support Linguistic Queries." In *Proceedings of Programming Language Technologies for XML (PLAN-X)*, 2005.
- Yi Chen, Susan B. Davidson, and Yifeng Zheng. "BLAS: An Efficient XPath Processing System." In *Proceedings of 23rd ACM SIGMOD International Conference on Management of Data*, pp. 47-58, 2004.
- Yi Chen, George A. Mihaila, Susan B. Davidson, and Sriram Padmanabhan. "EXPedite: A System for Encoded XML Processing." In *Proceedings of 13rd ACM Conference on Information and Knowledge Management (CIKM)*, pp. 108-117, 2004.
- Yi Chen, George A. Mihaila, Sriram Padmanabhan, and Rajesh Bordawekar. "L-Tree: A Dynamic Labeling Structure for Ordered XML Data." In *Proceedings of International Workshop on Database Technologies for Handling XML Information on the Web (dataX)*, in conjunction with *EDBT*, 2004. Springer Lecture Notes in Computer Science 3268, pp. 209-218, 2004.
- Yi Chen, George A. Mihaila, Susan B. Davidson, and Sriram Padmanabhan. "Efficient Path Query Processing on Encoded XML." In *Proceedings of International Workshop on High Performance XML Processing*, in conjunction with *WWW*, 2004.
- Yi Chen, Susan B. Davidson, Carmem Hara, and Yifeng Zheng. "RRXS: Redundancy Reducing XML Storage in Relations." In *Proceedings of 29th International Conference on Very Large Data Bases (VLDB)*, pp. 189-200, 2003.
- Yi Chen, Susan B. Davidson, and Yifeng Zheng. "XKvalidator: A Constraint Validator for XML." In *Proceedings of 11th ACM Conference on Information and Knowledge Management (CIKM)*, pp. 446-452, 2002.
- Yi Chen, Susan B. Davidson, and Yifeng Zheng. "Constraint Preserving XML Storage in Relations." In *Proceedings of 5th International Workshop on the Web and Databases (WebDB)*, in conjunction with *SIGMOD*, pp. 7-12, 2002.

TALKS

- "EXPedite: A System for Encoded XML Processing" Given at the *ACM Conference on Information and Knowledge Management (CIKM)*, Washington D.C., 2004.
- "BLAS: An Efficient XPath Processing System" Given at the *ACM SIGMOD International Conference on Management of Data*, Paris, 2004.
- "Efficient Path Query Processing on Encoded XML" Given at the *Workshop on High Performance XML Processing*, New York, 2004.
- "RRXS: Redundancy Reducing XML Storage in Relations" Given at the *International Conference on Very Large Data Bases (VLDB)*, Berlin, 2003.
- "Constraint Preserving XML Storage in Relations" Given at the *Workshop on the Web and Databases (WebDB)*, Madison, Wisconsin, 2002.

- “Constraint Preserving XML Storage in Relations” Given at the *IBM T.J. Watson Research Center*, 2002.
- “Indexing Keys in Hierarchical Data” Given at the *Graduate Research Symposium*, University of Pennsylvania, 2001.

PROFESSIONAL SERVICE

- Journal Reviewing: ACM Transactions on Database Systems, IEEE Transactions on Knowledge and Data Engineering, Data & Knowledge Engineering, Information Systems
- Program Committees: XSym 05.
- Conference Reviewing: SIGMOD 05, 04, 03; PODS 05, 04; ICDE 05, 04; CIKM 04; XSym 04; WebDB 04.

PATENT

Yi Chen, George A. Mihaila, Sriram Padmanabhan, and Rajesh Bordawekar. “Method, System and Recording Medium for Maintaining the Order of Nodes in a Hierarchical Document.” Filed 2003.

AWARDS

- Dean's Fellowship, University of Pennsylvania, 1999-2000
- First Prize of Scholarship, Central South University, 1995-1999
- Tian Xia Scholarship, Central South University, 1997

REFERENCES

Available upon request.