

OBJECTIVES

Ph.D. student in Information Science seeking a full time researcher or developer position.

EDUCATION

University of Michigan, Ann Arbor, **Ph.D.** in Information Science (expected in Summer 2010)

Thesis: Mechanisms and tools for collaborative knowledge generation and distillation in an online community

University of Michigan at Ann Arbor, **M.S** in Computer Science - 2005

University of Texas at Dallas, B.S. in Computer Science -2002

University of Michigan at Ann Arbor **MBA Essentials and Entrepreneurship** program at Ross Business School - 2009

EXPERIENCE

Wizzie LLC, Ann Arbor, MI | Co-founder, Developer 03/2009 – Present

Responsible for business planning and development of an online professional medical information community in which dentists and dental hygienists share expertise and knowledge. (currently under development)

University of Michigan, Ann Arbor, MI | Research assistant 05/2005 – Present

Conducted research and software development projects in **Human Computer Interaction, information reuse, online knowledge communities, ubiquitous computing and information distillation, and user interfaces** (Published to top conferences, See Publications)

IBM Watson Research Center, Hawthorne, NY | Intern 05/2005 – 08/2005

Successfully developing TopicGraph Editor, a **graphical authoring tool** based on Resource Description Framework descriptions of topics and relations in a domain. Built in Java on Eclipse.

Texas Instruments Inc. Dallas, TX | Software Quality Tester (contractor) 11/1999 – 07/2002

Responsible for **software quality testing** a number of TI projects including TI-Graph Link™, TI-StudyCards™, TI-CellSheet™, and TI-NoteFolio Converter™ which led to successful releases to the market

University of Michigan, Ann Arbor | Graduate student instructor

SI 502 Networked Computing, Fall 2007, Fall 2008, Fall 2009

Responsible for leading discussion sessions, received excellent student evaluations

SKILLS

Programming Languages

- **JAVA (+6 years), XML, RDF, SOAP, OWL:** developed various user interfaces, knowledge distillation tools, information visualization, authoring tools, and natural language processing tools as part of doctoral research some of which led to publications to top conferences
- **Perl, Python:** developed **web crawlers and parsers** for mining huge data from online social knowledge building communities for analysis which led to publications to top conferences

- **C++, C#, PHP, LISP, Prolog, MySQL, Ruby, XUL, ActionScript, HTML, CSS, JavaScript**, etc: for several class projects involving Artificial Intelligence topics and for personal needs / projects

Toolkits / Development environment

- Eclipse, NetBeans, Prefuse visualization, Subversion, Linux, MS Windows.

Research skills

- Can define a clear research question, construct a viable solution, plan the necessary steps, and work with a group of people in team settings
- **Data mining, quantitative** and **qualitative** analysis of large data
- **User interaction** analysis, **interview** and **survey** creation and analysis, **user interfaces** development
- Proven research abilities through **publications** to top conferences (CHI, UIST, Group)

PUBLICATIONS

Nam, K. K., Mark, S. A., and Adamic, L. Questions in, Knowledge iN? A Study of Naver's Question Answering Community. Proceedings of **CHI 2009**. ACM Press.

Nam, K.K. and Ackerman M.S. Arkose: Reusing Informal Information in Online Communities. Proceedings of the 2007 International **ACM SIGGROUP** Conference on Supporting Group Work.

Zhang, J., Ackerman, M.S., Adamic, L. and **Nam, K.K.** QuME: A Mechanism to Support Expertise Finding in Online Help-seeking Communities, accepted by **UIST2007**.

Batcheller, A. L., Hilligoss, B., **Nam, K.**, Rader, E., Rey-Babarro, M., & Zhou, X. (2007). Testing the Technology: Playing Games with Video Conferencing. Proceedings of **CHI 2007**, San Jose, CA.

A W A R D

2000 - 2002: Dean's List recipient

1998 - 2002: Academic Excellence Scholarship from the University of Texas at Dallas

1996 - 1998: Five times University Interscholastic League (UIL) regional Championship in Mathematics and Science

REFERENCE Available upon request

WORK STATUS: U.S. Citizen