Chen Huang

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Education

Ph.D., Information Science, **University of Maryland**, College Park, USA, March, 2015 (Expected)
M.S., Information Science, **University of Michigan**, Ann Arbor, USA, 2009
B.E., Software Engineering, **Beihang University**, Beijing, China, 2007

Research Assistantships

School of Information,
University of Maryland 2009–Present

- Data modeling and analysis of various impacts of online user behavior.
- Built ETL pipelines to collect user behavior data from mutliple online sources: social media, search engine results, and online databases.
- Research experience on parametric modeling of user behavior.
- *Skills*: Python, R, SQL, Shell.

School of Information,
University of Michigan 2008–2009

- Designed and implemented algorithms for an open source Information Retrieval package.
- Research experience on non-parametric modeling of natural language data.
- System administrator of the lab server cluster and open source projects.
- Courses include: Artificial Intelligence, Natural Language Processing, Machine Learning, Social Network Analysis and Information Retrieval.
- *Skills*: Perl, C++ , Shell.

Work Experience

Adobe
Software Engineer Intern Summer, 2011

- Designed and implemented an interactive visualization to identify website content and design factors that impact click-through-rate.
- Applied the prototype to provide traffic analysis on over 100 million monthly click records.
- *Skills*: d3.js, JQuery, Javascript, Java, SQL, Hadoop.

Pitney Bowes
Software Engineer Intern Summer, 2010

- Designed prototypes for online review sentiment analysis and summarization.
- Applied prototypes on yelp, facebook and twitter to provide service feedbacks to online small businesses.
- *Skills*: Java, Javascript/HTML/CSS.

Epic Systems
Software Engineer Summer, 2009

- Trained and worked on refining Epic's health-care information system back-end, which is used by major university hospitals.
- *Skills*: VB.

Publications

Chen Huang, "Understanding the Relation between Reposts and Clicks for Business Information in Micro-blogging", In progress, 2014

Chen Huang

Chen Huang, Ping Wang, Yan Qu "Diffusion of IT Innovations via Social Media: Studying a Chinese Micro-blog Community", Academy of Management 2012, Boston, MA, 2012

Yan Qu, Chen Huang, Pengyi Zhang, Jun Zhang "Microblogging after a Major Disaster in China: A Case Study of the 2010 Yushu Earthquake," *CSCW 2011*, Hangzhou, China, 2011

Yan Qu, Chen Huang, Pengyi Zhang, Jun Zhang "Harnessing Social Media in Response to Major Disasters," *CSCW 2011 Workshop: Designing Social and Collaborative Systems for China*, 2011

Pengyi Zhang, Yan Qu, Chen Huang "The Role of Innovation Governance and Knowledge Management for Innovation Success," *HICSS 2011*, HI, US, 2011

Pengyi Zhang, Yan Qu; Chen Huang and et. al. "Collaborative Identification and Annotation of Government Deep Web Resources: A Hybrid Approach," *Hypertext 2010*, Toronto, Canada, 2010

Skills and Tools
- Python, R: proficient.
- Java, Javascript, Bootstrap, AngularJS, JQuery, C/C++ , Perl, SQL, Shell, HTML, CSS, LaTex: prior experience.

Professional Services
- Reviewer: Computer-Supported Cooperative Work (CSCW), International Conference on Information Systems (ICIS), Academy of Management (AOM).
- Student Volunteer: CHI, MobileHCI, ASIST.
- Department Doctoral Committee Member 2012-2013.
- Department Faculty Search Committee Member 2013-2014.

Awards
- 2013-2014 Department Fellowship, School of Information, University of Maryland.
- 2011 Jacob K. Goldhaber Travel Grant, University of Maryland.
- 2010-2011 Dean's Fellowship, University of Maryland.
- 2007-2009 Department Merit Scholarship, University of Michigan.
- 2007 Young Talent Award of Beijing (for earning Bachelor's degree with top academic record under age of 20).
- 2005-2007 People's Scholarship, Beihang University.
- 2005&2006 Beijing International Marathon.