Chen Huang

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http://chenhuang.github.io

Education

Ph.D., Information Science, University of Maryland, College Park, USA, Final Year, *GPA*: 4/4 M.S., Information Science, University of Michigan, Ann Arbor, USA, 2009, *GPA*: 3.8/4 B.E., Software Engineering, Beihang University, Beijing, China, 2007, *GPA*: 3.6/4

Research Assistantships

School of Information,

University of Maryland

2009-Present

- Applied Topic Modeling on microblog posts and studied the impact of content topics on the spread of news in Twitter.
- Researched online communities and explored the relation between community structure and IT innovation hype cycle.
- Researched microblog user behaviors and designed the use of microblog for disaster and emergency response.
- Skills: Python, R, SQL, Shell.

School of Information,

University of Michigan

2008-2009

- Designed and implemented various Natural Language Processing algorithms for an open source Information Retrieval package Clairlib: Lexical parsing, Clustering, Supervised learning, Document summarization, Network link analysis.
- System administrator of the lab server cluster and open source projects.
- 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.
- ullet Applied the prototype to provide click-through-rate analysis on over 100 million monthly click records.
- Skills: d3.js, JQuery, Javascript, Java, SQL, Hadoop.

Pitney Bowes

Software Engineer Intern

Summer, 2010

- \bullet 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

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.
- \bullet Java, Javascript, Bootstrap, Angular
JS, JQuery, C/C++ , Perl, SQL, Shell, HTML, CSS, La
Tex: 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.

Other Interests

I have ran a couple of Marathons.

I love playing competitive strategy games, including:

- \bullet Poker: winning regular at \$2/\$5 NLH, I was ranked 6 out of 200 students in MIT's poker class tournaments 2013, and the only student attended the class remotely.
- Starcraft II: top 20% Terran&Zerg on Battle.net North America region.