Xitong Liu

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Education

Ph.D. in Electrical and Computer Engineering — **2009.9 ∼ 2015.6**
University of Delaware, Newark, DE.

B.E. in Electronic Information Engineering — **2005.9 ∼ 2009.6**
Huazhong University of Science and Technology, Wuhan, China

Working Experience

Software Engineer — **2015.8 ∼ Present**
Manager: Dr. Eyal Carmi, Google Inc, New York, NY.

Research Assistant — **2009.9 ∼ 2015.6**
Advisor: Dr. Hui Fang, University of Delaware, Newark, DE.

Research Intern — **2014.6 ∼ 2014.9**
Mentor: Dr. Hao Hu, Microsoft Research/Bing, Bellevue, WA.

Research Intern — **2011.6 ∼ 2011.8**
Mentor: Dr. Fei Chen, HP Labs, China.

Honors and Awards

- University Dissertation Fellows, University of Delaware, 2014.
- Profession Development Award, University of Delaware, 2013.
- CIKM Travel Grants, 2011.

Skills

- Programming Language: C, C++, Perl (proficient), Python, Java, HTML
- Operating System: GNU/Linux, Mac OS X, Windows

Selected Publications

Xitong Liu and Hui Fang. Latent Entity Space: A Novel Retrieval Approach for Entity-Bearing Queries. In *Information Retrieval*, 2015.

Xitong Liu, Peilin Yang and Hui Fang. Entity Came to Rescue - Leveraging Entities to Minimize Risks in Web Search. In *online Proceedings of the 23rd Text REtrieval Conference*, 2014.

Xitong Liu, Fei Chen, Hui Fang and Min Wang. Exploiting Relationship for Query Expansion in Enterprise Search. In *Information Retrieval*, Volume 17, Issue 3, June 2014, pages 265-294.

Xitong Liu, Wei Zheng and Hui Fang. An Exploration of Ranking Models and Feedback Method for Related Entity Finding. In *Information Processing & Management*, Volume 49, Issue 5, September 2013, pages 995-1007.

Xitong Liu and Hui Fang. Entity Profile based Approach in Automatic Knowledge Finding. In *online Proceedings of the 21st Text REtreival Conference*, 2012.

Xitong Liu, Hui Fang, Cong-Lei Yao and Min Wang. Finding Relevant Information of Certain Types from Enterprise Data. In *Proceedings of the 20th ACM International Conference on Information and Knowledge Management*, pages 47-56, 2011.

Patents

- Performing a search based on entity-related criteria, PCT/US2012/061034, WO 2014062192 A1.