Yiqing HUA

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EDUCATION

Ph.D. Student in Computer Science, at Cornell University 2016 - present

- Focus Area: Computational Social Science, Online Harassment, Measurement Studies, Human Computer Interaction
- Co-advised by: Thomas Ristenpart, Mor Naaman

Bachelor of Science in Engineering, Shanghai Jiao Tong University 2012 - 2016

- Program: Computer Science, ACM Honored Class
- Visiting scholar at Cornell University (Fall 2015) with scholarship from Zhiyuan College

PUBLICATION

Yiqing Hua, Thomas Ristenpart and Mor Naaman. 'Towards Measuring Adversarial Twitter Interactions against Candidates in the US Midterm Elections'. *To appear Proc. the 14th Annual Conference on Weblogs and Social Media (ICWSM 2020)*

Yiqing Hua, Cristian Danescu-Niculescu-Mizil, Dario Taraborelli, Nithum Thain, Jeffery Sorensen and Lucas Dixon. 'WikiConv: A Corpus of the Complete Conversational History of a Large Online Collaborative Community'. *Proc. the 2018 Conference on Empirical Methods in Natural Language Processing.*

Justine Zhang, Jonathan P. Chang, Cristian Danescu-Niculescu-Mizil, Lucas Dixon, **Yiqing Hua**, Nithum Thain, and Dario Taraborelli. 'Conversations Gone Awry: Detecting Early Signs of Conversational Failure'. *Proc. the 56th Annual Meeting of the Association for Computational Linguistics. 2018*

Yiqing Hua, Chao Li, Weichao Tang, Li Jiang, and Xiaoyao Liang. 'Building fuel powered supercomputing data center at low cost'. *Proc. the 29th ACM International Conference on Supercomputing (ICS), Jun. 2015*

EXPERIENCE

Internship at Google Summer 2019
Host: Taras Galkovskyi
Team: Jigsaw

Internship at Google Summer 2018
Host: Lucas Dixon, Jeffrey Sorensen
Team: Conversation AI, Jigsaw

PROJECTS

Visualizing Wikipedia Conversation Summer 2018
Jigsaw, Google

- Based on the previously published work on reconstructing conversational structures from entire Wikipedia talk pages history, developed a visualization interface for users to view comments and conversations for better community moderation.

- The tool uses Google Cloud Spanner as a backend database and is implemented using typescript and Angular 4.
- Advisors: Dr. Lucas Dixon, Dr. Jeffrey Sorensen

On the Limit of Text Reduction for Human Judgments Spring 2018
Cornell Tech

- Designed text reduction mechanism to relieve emotional impact by toxic contents for human moderators.
- Designed a framework combining crowdsourcing and machine learning to understand the effect of text reduction on harassment moderation.
- Advisors: Prof. Thomas Ristenpart, Prof. Mor Naaman, Dr. Lucas Dixon

End-to-End Sentiment Information Extraction Fall 2015
Cornell University

- Developed methods for fine-grained opinion analysis based on deep recurrent neural networks.
- Built an end-to-end system to extract sentiment-related information from a large corpus.
- Advisor: Prof. Claire Cardie

TEACHING

Cornell University

- **Artificial Intelligence**: TA for artificial intelligence course designed for Cornell undergraduate students.
- **Intro to C++**: TA for C++ online course aimed at preparing incoming master students for future study in Cornell Tech.

Shanghai Jiao Tong University

- **Assistant Coach of Programming Contest** Coached the Shanghai Jiao Tong University ACM-ICPC 2014 female team.
- **Automata Theory**: head TA and held recitations.

HONORS AND AWARD

ACADEMIC AWARDS

- Digital Life Initiative's 2019-2020 Doctoral Fellow 2019
- Department Fellowship, CIS Cornell 2016
- Scholarship from Shanghai Jiaotong University for outstanding graduates 2016
- Outstanding Graduate Award from Shanghai gorvernment 2016
- National Scholarship from Chinese gorvernment for outstanding undergraduate students 2013

ACM INTERNATIONAL COLLEGIATE PROGRAMMING CONTEST
ACM/ICPC Asia Regional Contest

- Fourth Place 2013(Phuket)
- Silver Medal 2012(Tianjin), 2012(Hangzhou), 2013(Nanjing)
- Best Women Team 2012(Tianjin), 2012(Hangzhou), 2013(Nanjing)