Yiqing HUA

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EDUCATION

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

- Focus Area: natural language processing, online harassment
- Co-advised by: Prof. Thomas Ristenpart, Prof. 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   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". *To appear 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 2018
Host: Lucas Dixon
Team: Conversation AI, Jigsaw

PROJECTS   ***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.
- Collaborators: Prof. Thomas Ristenpart, Prof. Mor Naaman, Dr. Lucas Dixon

Reconstructing Wikipedia Conversations   Submitted to Conference
Cornell University
- Designed a parellel text processing pipeline on Google Dataflow.
- Reconstructed conversational structures from entire Wikipedia talk pages history.
- Collaborators: Dr. Lucas Dixon, Dr. Nithum Thain, Wikimedia Foundation

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

- 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)