

Yiqing HUA

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

- Research interest: Measuring and mitigating online threats.
- 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**, Armin Namavari, Kaishuo Cheng, Mor Naaman, Thomas Ristenpart ‘Increasing Adversarial Uncertainty to Scale Private Similarity Testing’. *Conditionally Accepted to USENIX 2022*.

Anton Abilov, **Yiqing Hua**, Hana Matatov, Ofra Amir, Mor Naaman. ‘Voter-Fraud2020: a Multi-modal Dataset of Election Fraud Claims on Twitter’. *Proc. the 15th International Conference of Web and Social Media (ICWSM 2021)*.

Yiqing Hua, Mor Naaman and Thomas Ristenpart. ‘Characterizing Twitter Users Who Engage in Adversarial Interactions against Political Candidates’. *Proc. the 2020 CHI Conference on Human Factors in Computing Systems (CHI 2020)*. **Honorable Mention**

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

Eugene Bagdasaryan, Andreas Veit, **Yiqing Hua**, Deborah Estrin, Vitaly Shmatikov. ‘How to backdoor federated learning’. *Proc. the International Conference on Artificial Intelligence and Statistics. (AISTATS 2020)*.

Yiqing Hua. ‘Understanding BERT Performance in Propaganda Analysis’. *Proc. the Second Workshop on Natural Language Processing for Internet Freedom: Censorship, Disinformation, and Propaganda. 2019*.

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 (EMNLP 2018)*.

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 (ACL 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 2015)*.

EXPERIENCE **Visiting scholar at GESIS (Leibniz Institute for Social Science), Germany**
Spring 2020
Department: Computational social science

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

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

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 the city of Shanghai 2016
- National Scholarship from Chinese government 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)