

YICHI ZHANG

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3427 North Quad, 510 State St., Ann Arbor, MI 48109, U.S.A.

EDUCATION

University of Michigan, Ann Arbor (Umich)

Sep 2019 - Present

Ph.D. in School of Information

Advisor: Prof. Grant Schoenebeck

Shanghai Jiao Tong University (SJTU)

Aug 2015 - Jun 2019

B.S. in Electronic Science and Engineering

Advisor: Prof. Xinbing Wang and Prof. Luoyi Fu

EMPLOYMENT EXPERIENCES

Research Assistant, **University of Michigan**

Sep 2019 - Present

Engineer Intern, **YITUTech**

Feb 2019 - May 2019

PUBLICATIONS AND PROJECTS

Information Elicitation From Rowdy Crowds

WWW'21

Grant Schoenebeck, Fang-Yi Yu and **Yichi Zhang** (ranked by alphabet)

- Propose a framework of using robust learning algorithms to design robust peer prediction mechanisms that are robust against adversarial attacks.

A System-Level Analysis of Conference Peer Review

ACM EC'22

Yichi Zhang, Fang-Yi Yu, Grant Schoenebeck and David Kempe

- Build a theoretical framework to study the review process of a conference with focus on how does the conference's acceptance policy affects the tradeoff between the conference quality and the review burden.

High-Effort Crowds: Limited Liability Via Tournaments

WWW'23

Yichi Zhang and Grant Schoenebeck

- Consider how to optimally reward the crowdsourcing workers with the rank-order mechanisms given the noisy measurements of their effort.

Multi-task Peer Prediction Under Task-Dependent Strategies

WWW'23

Yichi Zhang and Grant Schoenebeck

- Generalize the incentive guarantees to handle a much larger space of untruthful strategies.

COURSES (TAKEN)

Advanced game theory (mechanism design), micro economics, research method, complex system, electronic commerce, digital public goods, bayesian modeling.

TEACHING

I'm the teaching assistant (GSI) of the following courses:

- SIADS 652: Network Analysis with Prof. Daniel Romero.
- SI 699: Big Data Analysis with Prof. Misha Teplitskiy.

Fall 2021

Winter 2022