

# YIFAN WANG

Georgia Institute of Technology, Atlanta, GA, 30332

litcwyf.github.io  $\diamond$  ywang3782@gatech.edu

## EDUCATION

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**Georgia Institute of Technology**

*Aug 2021 - now*

Ph.D in Computer Science

**Tsinghua University**

*Aug 2016 - Jun 2020*

Graduated with B.Eng in Computer Science, with honor

## PREPRINTS AND PUBLICATIONS

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- Khashayar Gatmiry, Thomas Kesselheim, Sahil Singla, and Yifan Wang. Bandit algorithms for prophet inequality and pandora's box. In *preprint*. 2022
- Honglei Zhuang, Chi Wang, and Yifan Wang. Identifying outlier arms in multi-armed bandit. In *Annual Conference on Neural Information Processing Systems (NeurIPS)*. 2017

## RESEARCH EXPERIENCE

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**Computational Economics Problems**

Nov 2021 - Now

*Research Assistant*

- Advisor: Sahil Singla, Assistant Professor, Georgia Institute of Technology

**Learning Concept Prerequisite Relations from MOOCs information**

Nov 2019 - May 2020

*Research Assistant*

- Advisor: Juanzi Li, Professor, Tsinghua University

**Improved  $s$ -Rounding Technique for Semidefinite Programs**

Jun 2019 - Nov 2019

*Research Assistant*

- Advisor: Nina Balcan, Associate Professor, CMU

**Identifying Outlier Arms in Multi-Armed Bandits**

Feb 2017 - Dec 2017

*Research Assistant*

- Collaborator: Chi Wang, Senior Researcher, Microsoft Research and Honglei Zhuang, Ph.D student, UIUC
- Contributed to a third-author paper to be accepted to NeurIPS2017.

## AWARDS

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2016 ACM-ICPC Asia Beijing Regional Gold Medal (6 of 198)

2016 CCPC (China Collegiate Programming Contest) Changchun Regional Gold Medal (7 of 180)

2019 CCPC (China Collegiate Programming Contest) Harbin Regional Silver Medal

National Scholarship in 2017 (top 3%)

## SKILLS

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**Computer Languages**      C/C++, Java, Python, MATLAB, Verilog

**Software & Tools**          LaTeX, Excel, HTML, QT, Vivado

10 years of programming experience, solid programming experience in C, C++ (more than 100k lines);

Skilled on most kinds of algorithms and data structures