

YIFAN WANG

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EDUCATION

Georgia Institute of Technology
Ph.D in Computer Science

Aug 2021 - now

Tsinghua University
Graduated with B.Eng in Computer Science, with honor

Aug 2016 - Jun 2020

PUBLICATIONS

- 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

Bandit Algorithms for Multi-Stage Stochastic Optimization
Research Assistant

Nov 2021 - Now

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

Truss Generation via Monte Carlo Tree Search
Research Assistant

Sep 2020 - Dec 2020

- Advisor: Xianzhong Zhao, Professor, Tongji University
- Contributed to two second-author papers to be submitted to civil engineering journals

Learning Concept Prerequisite Relations from MOOCs information
Research Assistant

Nov 2019 - May 2020

- Advisor: Jie Tang, Professor, Tsinghua University
- Contributed to a third-author paper to be submitted to IJCAI2021.

Improved s -Rounding Technique for Semidefinite Programs
Research Assistant

Jun 2019 - Nov 2019

- Advisor: Nina Balcan, Associate Professor, Carnegie Mellon University

Modeling and Predicting Citation Counts
Research Assistant

Feb 2018 - Jan 2019

- Advisor: Jie Tang, Professor, Tsinghua University

Identifying Outlier Arms in Multi-Armed Bandits
Research Assistant

Feb 2017 - Dec 2017

- Collaborator: Chi Wang, Senior Researcher, Microsoft Research Redmond Lab and Honglei Zhuang, Ph.D student, University of Illinois Urbana-Champaign
- Contributed to a third-author paper to be accepted to NeurIPS2017.

AWARDS

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

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