

Yuhao Wang

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Education

Georgia Institute of Technology

Ph.D. in Operations Research

August 2021 - present

Atlanta, U.S.A.

Nanjing University

B.S. in Computational Mathematics

September 2017 - June 2021

Nanjing, China

Research Interests

- Simulation optimization, with special interest in data-driven ranking and selection problem under input uncertainty.
- Reinforcement learning, with special interest in Bayesian robust Q-learning.

Publications

Journal Paper:

- Di Wu, **Yuhao Wang**, Enlu Zhou (2022), "[Data-driven Ranking and Selection under Input Uncertainty](#)", *accepted by Operations Research*.
- Yifan Lin*, **Yuhao Wang (co-first author)**, Enlu Zhou (2022), "[Risk-averse Contextual Multi-arm Bandit Problem with Linear Payoff](#)", *Journal of Systems Science and Systems Engineering*.
- **Yuhao Wang**, Enlu Zhou (2022), "[Data-driven Optimal Computing Budget Allocation under Input Uncertainty](#)", *submitted*.

Conference Paper:

- **Yuhao Wang**, Enlu Zhou (2022), "Fixed Budget Ranking and Selection with Streaming Input Data", in *Proceedings of the 2022 Winter Simulation Conference*, **Best Contributed Theoretical Paper - Winner**.

Research Presentations

Yuhao Wang, Enlu Zhou, "Data-driven Optimal Computing Budget Allocation", invited talk at 2022 INFORMS Annual Meeting.

Yuhao Wang, Enlu Zhou, "Fixed Budget Ranking and Selection with Streaming Input Data", 2022 Winter Simulation Conference.

Awards & Honors

Best Contributed Theoretical Paper - Winner

2022 Winter Simulation Conference

2022

H. Milton Stewart Fellowship

Georgia Institute of Technology

2021

Chinese National Scholarship for Outstanding Undergraduates

Nanjing University

2019

Nanjing University's tip-out Scholarship

Nanjing University

2019, 2020

First Prize in Mathematics Competition of Chinese College Students in Jiangsu Province

Chinese Mathematical Society

2018

Renmin Scholarship, First Prize

Nanjing University

2018

Teaching

ISYE 3133: Engineering Optimization

Teaching Assistant, Georgia Institute of Technology

August 2021 - December 2022

ISYE 3232: Stochastic Manufacturing & Service Systems

Teaching Assistant, Georgia Institute of Technology

January 2022 - May 2022