

Ruiquan Gao

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Education

Doctor of Philosophy in Computer Science

September 2022 - Present

Advised by Aviad Rubinstein and Moses Charikar,
Stanford University

Bachelor of Engineering in Computer Science

August 2018 - June 2022

Yao Class, Institute for Interdisciplinary Information Sciences
Tsinghua University, GPA: 3.95/4.00 (Rank 5/54)

Publications

Moses Charikar, **Ruiquan Gao**, *Improved Approximations for Ultrametric Violation Distance*. In Proceedings of the 2024 ACM-SIAM Symposium on Discrete Algorithms, SODA 2024

Eric Budish, **Ruiquan Gao**, Abraham Othman, Aviad Rubinstein, Qianfan Zhang, *Practical algorithms and experimentally validated incentives for equilibrium-based fair division (A-CEEI)*. In Proceedings of the 24th ACM Conference on Economics and Computation, EC 2023

Ruiquan Gao, Zhongtian He, Zhiyi Huang, Zipei Nie, Bijun Yuan, Yan Zhong, *Improved Online Correlated Selection*. In proceedings of the 62nd IEEE Annual Symposium on Foundations of Computer Science, FOCS 2021

Talks

Improved Online Correlated Selection

Yao Class Seminar

November 2021

Improved Approximations for Ultrametric Violation Distance

SODA 2024

January 2024

Honors and Awards

Stanford Graduate Fellowship

March 2022

Yao Award

Bronze Medal

September 2021

Scholarship for Comprehensive Outstanding, Tsinghua

October 2020

Scholarship for Academic Excellence, Tsinghua

October 2019 & 2021

ACM-ICPC Asia Regional Contest (Xuzhou)

Gold Medal (champion)

October 2018

National Olympiad in Informatics

Gold Medal

July 2016 & 2017

Research Experience

Stanford University

(Remote) visiting student advised by Aviad Rubinstein

Project: Approximate Competitive Equilibrium from Equal Incomes

Spring 2021

The University of Hong Kong

(Remote) research intern advised by Zhiyi Huang

Project: Online Correlated Selection

Summer 2020

Services

Conference Subreviewing: SODA 2022, STOC 2024