

Ruiquan Gao

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rkgao0422.github.io

Education

Bachelor of Engineering in Computer Science

August 2018 - Present

Yao Class, Institute for Interdisciplinary Information Sciences

Tsinghua University, GPA: 3.93/4.00 (Rank 2/54)

Internship / Visiting

Stanford University

Visiting student (online) advised by Aviad Rubinstein

Spring 2021

Project: Approximate Competitive Equilibrium from Equal Incomes

The University of Hong Kong

Research internship (online) advised by Zhiyi Huang

Summer 2020

Project: Online Correlated Selection

Research Publications

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

Talks

Improved Online Correlated Selection

Yao Class Seminar

November 2021

Selected Awards

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)

Champion

October 2018

National Olympiad in Informatics

Gold Medal

July 2016 & 2017

Services

Conference Reviewing: SODA 2022

Selected Courses

Theory: Algorithm Design, A+; Theory of Computation, A+; Design and Analysis of Algorithms (Graduate), A-; Fundamentals of Cryptography, A.

Mathematics: Linear Algebra, A+; Abstract Algebra, A+; Introduction to Optimization Theory, A.

Interdisciplinary: Game Theory, A-; Quantitative Economics, A; Algorithm Economics (Graduate), A.

Others: Machine Learning, A; Network Science, A+; Research Immersion Training, A.

References (α - β Order)

Ran Duan, Associate Professor
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Zhiyi Huang, Associate Professor
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