

Yixiong (Colin) Gao

TEL: +852 60950393 | Email: yixiong.gao@my.cityu.edu.hk | Homepage: yixiong.gao.com

RESEARCH INTEREST

I have a broad interest in theoretical computer science. Currently, I am focusing on the following topics:

- **Combinatorial Optimization:** Scheduling Problems, Knapsack Problems.
- **Algorithmic Mechanism Design:** Scheduling Games, Facility Location Games, Fair Allocation.

EDUCATION

- **City University of Hong Kong** Hong Kong SAR, China
Ph.D student in Computer Science, supervised by Prof. Minming Li Sept. 2024 – Present
- **Hangzhou Dianzi University** Hangzhou, China
B.Eng. (Honors) in Computer Science and Technology, GPA: 4.64/5.00, Rank: 1/21 Sept. 2020 – Jun. 2024

EXPERIENCE

- **Zhejiang University** Hangzhou, China
Visiting Student, advised by Prof. Lin Chen and Prof. Guochuan Zhang Jul. 2025 – Dec. 2025
- **City University of Hong Kong Shenzhen Research Institute** Shenzhen, China
Student Researcher, advised by Prof. Minming Li Sept. 2023 – Feb. 2024
- **City University of Hong Kong** Hong Kong SAR, China
Visiting Research Student, advised by Prof. Minming Li Sept. 2023 – Feb. 2024

TEACHING

- **CS3391 Advanced Programming** Hong Kong SAR, China
Teaching Assistant, City University of Hong Kong, Undergraduate Level Fall 2023, Spring 2025
- **CS6382 Algorithm Analysis and Game Theory** Hong Kong SAR, China
Teaching Assistant, City University of Hong Kong, Graduate Level Fall 2025

PUBLICATIONS

C=CONFERENCE, J=JOURNAL, S=IN SUBMISSION

The authors' names are listed in alphabetical order in Theory-related papers. (why?)

- [C.1] **Revisit the Scheduling Problem with Calibrations.**
Lin Chen, Yixiong Gao, Minming Li, Guohui Lin, and Kai Wang.
In the 35th International Symposium on Algorithms and Computation (ISAAC 2024).

HONORS AND AWARDS

- **CCF Elite Collegiate Award 2023**
Awarded by the China Computer Federation to about 100 undergraduate students in China in 2023 Oct. 2023
- **Awards in International Collegiate Programming Contests (ICPC)**
 - Gold medal in the 49th ICPC Asia Hangzhou Regional Contest Nov. 2024
 - Gold medal in the 48th ICPC Asia Hangzhou Regional Contest Dec. 2023
 - Gold medal in the 47th ICPC Asia Nanjing Regional Contests Dec. 2022
 - Gold medal in the 47th ICPC Asia Hefei Regional Contest Nov. 2022
 - Gold medal in the 45th ICPC Asia Jinan Regional Contest Dec. 2020
- **Awards in IEEEExtreme Programming Competition**
 - Hong Kong Championship in IEEEExtreme 18.0 (13th globally) Oct. 2024
 - Hong Kong Championship in IEEEExtreme 17.0 (11th globally) Oct. 2023

SCHOLARSHIPS

- **Postgraduate Studentship (City University of Hong Kong)** 2024 – Present
- **Zhejiang Provincial Government Scholarship** 2022, 2023
- **First Class Scholarship (Hangzhou Dianzi University)** 2021, 2022, 2023

Updated July 25, 2025