



XIAOYANG LI

👤 Profile

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🎓 Education

Bachelor's Degree, City University of Hong Kong, Hong Kong

September 2020 — October 2024

I am a third year student from computer science department of CityU and studying for my bachelor's degree. My research interest mainly lies in algorithm design and analysis, game theory and optimization theory.

💼 INTERNSHIP EXPERIENCE

Teaching assistant for CS2315 at CS Department, City University of Hong Kong

August 2021 — December 2021

Teaching assistant for CS2315 (Programming and Problem Solving).

CS2315 is equivalent to CS2310 or CS2311 Computer Programming for students studying in the school of data science. The language being taught is C++. My working supervisor is professor Kenneth Li.

Helper for Programming Clinic at CS Department, City University of Hong Kong

February 2022 — April 2022

Student helper for Programming Clinic of computer science department.

Programming Clinic is a walk-in question and answer session for students studying programming courses. Helpers will stand-by in the lab to answer the questions from visitors. My working supervisor is professor Kenneth Li.

Research Intern at Theory Lab of Huawei, Hong Kong Research Center, Hong Kong

June 2022 — March 2023

Working as research intern in optimization and control group, at theory lab of Huawei, HKRC, I am responsible for the development of linear programming solver. My contribution mainly lies in the development of IO module, model presolve module for HoYi linear programming solver. Besides, I also participated in data structure design of alpha matrix and sparse vector. My supervisor is Dr. Zhang Fan, senior researcher at Huawei technologies.

Details

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Skills

Git

C++

Java

python

Algorithm Design

Languages

English

Mandarin

Research interest

- > Design and analysis of algorithms
- > Combinatorial game theory
- > Optimization theory

★ GRANTS AND AWARDS

The 46th ICPC Asia Regional Contest, Jinan Site 2021

November 2021

On behalf of ACM team of City University of Hong Kong, my team won bronze medal in the 46th ICPC Asia Regional Contest, Jinan Site 2021.

The regional contest represents the geographic area of Asia East Continent.

✧ ACTIVITIES

Welfare department officer at CSSAUG

Chinese Students and Scholars Association of City University of Hong Kong Undergraduate@CITYU

CSSAUG is a non-political, non-profit, welfare student organization spontaneously established by mainland undergraduates studying in City University of Hong Kong, specializing in serving mainland undergraduates students of Hong Kong.