

WANG RUIJIE

✉ WANGaRuijie.github.io  [Wang Ruijie](#)  [WANGaRuijie](#)  ruijie.wang@connect.polyu.hk

EDUCATION

Hong Kong Polytechnic University

Major in Computer Science, Minor in Applied Mathematics, GPA 3.65

August 2022 - Present

Kowloon, Hong Kong SAR

Yali High School

Rank top 0.5% in the College Entrance Examination

September 2019 - June 2022

Changsha, China

EXPERIENCES

Research Assistant, Hong Kong Polytechnic University

Advised by [Prof. Li Bo](#)

September 2023 - Present

- Focus on the fair allocation problem of indivisible goods and chores on the graph orientation model.

Mitacs Globalink Research Internship, Simon Fraser University

Hosted by [Prof. Wang Yuepeng](#)

May 2025 - Present

- Design and implement a system for synthesis of SQL queries from logical specifications.


Technology Beyond Borders: Service-Learning in Da Nang, Viet Nam

January 2024

- Participated in the service-learning program co-hosted by PolyU and the Da Nang Architecture University in Lý Công Un Primary School to promote STEM education and cultural exchange.

Exchange Student, Technical University of Denmark

May 2023 - August 2023

- Worked on the project Low Light Image Enhancement  [Repo](#).

RESEARCH INTERESTS

Theoretical computer science, especially for algorithmic game theory, formal methods, programming languages, cryptography, machine learning theory, and their interplay.

PUBLICATIONS

Coming soon!

SKILLS

Programming Languages Software and Tools

Python, Java, C, C++, R, SQL, Shell Programming, \LaTeX
Unix/Linux, Git, HTML, Relational Databases, Beamer, TikZ

HONORS

Dean's Honours List 2023/2024

Issued by the Faculty of Engineering, The Hong Kong Polytechnic University

September 2024

HKSAR Government Scholarship Fund - Reaching Out Award 2022/23

Issued by the Education Bureau, Hong Kong Special Administrative Region

August 2023