


WANG RUIJIE

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

EDUCATION

Hong Kong Polytechnic University	<i>August 2022 - Present</i>
Major in Computer Science, Minor in Applied Mathematics, GPA 3.69	<i>Kowloon, Hong Kong SAR</i>
Yali High School	<i>September 2019 - June 2022</i>
Rank top 0.5% in the College Entrance Examination	<i>Changsha, China</i>

EXPERIENCES

Research Assistant, Hong Kong Polytechnic University	<i>September 2023 - Present</i>
Advised by Prof. Li Bo	
· Focus on the fair allocation problem of indivisible goods and chores with the graph orientation model.	
Summer Research Intern, Simon Fraser University	<i>May 2025 - Present</i>
Mentored by Prof. Wang Yuepeng	
· Design and implement a SQL program synthesizer for vector databases.	
Technology Beyond Borders: Service-Learning in Da Nang, Viet Nam	<i>January 2024</i>
· Participated in the service-learning program co-hosted by PolyU and the Da Nang Architecture University in Lý Cũng Un Primary School to promote STEM education and cultural exchange.	
Exchange Student, Technical University of Denmark	<i>May 2023 - August 2023</i>
· Worked on the project Low Light Image Enhancement  Repo .	

RESEARCH INTERESTS

Theoretical computer science, especially for algorithmic game theory and formal methods.

PUBLICATIONS

Ankang Sun, **Ruijie Wang**, Bo Li. Fair Orientations: Beyond Envy-Freeness. Under Review.

SKILLS

Programming Languages	Python, Java, C/C++, R, SQL, Shell Programming, \LaTeX
Software and Tools	Unix/Linux, Git, Relational/NoSQL/Vector DBs, Beamer/TikZ

HONORS & AWARDS

Mitacs Globalink Research Internship Award	<i>February 2025</i>
Issued by Mitacs, Canada, for the internship at Simon Fraser University.	
Dean's Honours List 2023/2024	<i>September 2024</i>
Issued by the Faculty of Engineering, The Hong Kong Polytechnic University	
HKSAR Government Scholarship Fund - Reaching Out Award 2022/23	<i>August 2023</i>
Issued by the Education Bureau, Hong Kong Special Administrative Region	