


Daci Wang

📍 Hong Kong ✉️ daci.wang@outlook.com 📞 6874 3962 **in** daci-wang 🌐 PhilosopherSM

Education

Hong Kong University of Science and Technology *Sep 2022 to Jun 2026*

Bachelor of Science in Mathematics

- CGA: 3.830/4.3 (As of Feb 2025, [Transcript](#) )
- Awards: Chern Class Scholarship; University's Scholarship Scheme for Continuing Undergraduate Students; HKSAR Government Scholarship Fund - Talent Development Scholarship; Dean's List
- Coursework: Honors Real Analysis, Honors Probability, Advanced Algebra (PG-Level), Differential Geometry, Partial Differential Equations, Lie Groups, Number Theory

Hong Kong University of Science and Technology *Sep 2022 to Jun 2026*

Bachelor of Science in Computer Science

- Coursework: Machine Learning (PG-Level), Honors Algorithm, Computer Organization

University of Waterloo (Exchange) *Jan 2025 to May 2025*

Mathematics and Computer Science

- Coursework: Representations of Finite Groups, Algebraic Topology, Computer Vision, Operating Systems

Liaoning Shiyan High School *Sep 2019 to Jun 2022*

Secondary Education

- Awards: First Prize in Provincial Level Chinese Physics Olympiad (37th and 38th)

Research Experience

Cluster Algebra ([Report](#) ) *Fall 2023*

- Advisor: Prof. Ivan Ip
- Provided a method to extract the information of the triangulation and turn it into a combinatorial problem, and an algorithm to generate all possible cases

Geometric Flow ([Report](#) ) *Summer 2024*

- Advisor: Prof. Frederick Fong
- Learnt Riemannian geometry and studied the key inequality tricks in Hamilton's paper on gradient estimate of Ricci flow in summer term

Social Activities

Robomaster Internal Competition ([Github page](#) ) *Fall 2024*

- Software Group Leader: Coordinating schedule, setting deadlines and testing results
- 1st Runner up
- Led 5 teammates to program for a robot prototype in a tight schedule

Skills

Languages: English, Mandarin

Programming Languages: C++, Python, \LaTeX