

Qian Qian

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EDUCATION

University of Waterloo Waterloo, Ontario, Canada
Bachelor of Software Engineering, Honours Software Engineering, Co-op 2025 — 2030

Vanier College Montreal, Quebec, Canada
Diploma of College Studies, Computer Science & Mathematics 2023 — 2025
• Global R score: 32.5 | Honour Roll: Fall 2023, Winter 2024, Fall 2024

SKILLS

- **Languages:** Kotlin, Java, Python, Rust, Swift, Typst, LaTeX
- **Technologies:** Git, GitHub Actions, Ktor, Flask, Probot, SwiftUI, Quilt, Linux, NGINX
- **Languages:** English (Native), Chinese (Native), French (Professional working proficiency)

EXPERIENCE

Tutor, Math and Science Feb 2024 — Present
Vanier College *Montreal, Quebec, Canada*
• Tutored 30+ fellow students in Math, Physics, and Java-based Computer Science courses through the school-run peer tutoring program, creating 50+ original practice problems to reinforce core concepts and promote critical thinking.

Teaching Assistant, Data Structures and Object Oriented Programming Jan 2025 — May 2025
Vanier College *Montreal, Quebec, Canada*
• Supported 61 students across 2 sections by clarifying course concepts and assignment requirements.
• Graded 6 assignments and evaluations throughout the semester, ensuring consistent and timely feedback.
• Analyzed student performance to identify 15+ common misconceptions and proposed actionable improvements adopted by course staff.

Sub-Captain, Programming Competition Subteam 🏆 Sep 2024 — May 2025
Vanier Robotics Team *Montreal, Quebec, Canada*
• Organized and led 10+ preparatory workshops for team members.
• Achieved 1st place in Division 1 at CRC TakTik 2025 programming competition as part of the team.

Community Support Team Member & Chatbot Developer Mar 2021 — Jul 2023
LittleSkin.cn *Remote*
• Supported a community of 1,000+ users and Minecraft server administrators on the LittleSkin platform, one of China's largest Minecraft skin and authentication services.
• Assisted in developing an internal utility chatbot in Python to streamline common support and moderation tasks.

AWARD & CERTIFICATIONS

International Tutor Training Program Certification Feb 2025
Tutoring and Academic Success Centre, Vanier College *Montreal, Quebec, Canada*
Completed comprehensive training in effective tutoring techniques, learning strategies, and communication skills to enhance student learning outcomes.

Canadian Senior Mathematics Contest (2024) Jan 2025
The Centre for Education in Mathematics and Computing, University of Waterloo *Montreal, Quebec, Canada*
Ranked among the top 25% of participants in the 2024 Canadian Senior Mathematics Contest.

Canadian Computing Competition (Senior Division, 2024) Apr 2024
The Centre for Education in Mathematics and Computing, University of Waterloo *Montreal, Quebec, Canada*
Ranked among the top 25% of participants in the 2024 Canadian Computing Competition Senior Division.