

Qian Qian

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EDUCATION

Vanier College

Diploma of College Studies, Computer Science & Mathematics

- Global R score: 32.5 | Honour Roll: Fall 2023, Winter 2024, Fall 2024

Montreal, Quebec, Canada

Aug 2023 — May 2025

SKILLS

- **Languages:** Kotlin, Java, Python, Rust, Swift, Typst, LaTeX
- **Technologies:** Git, GitHub Actions, Ktor, Flask, Probot, SwiftUI, Quilt, Linux, NGINX

EXPERIENCE

Coordinator

Vanier FLOSS Club

Jun 2025 — Present

Remote

- Oversaw overall club operations, organized meetings, tracked project progress, and coordinated with the college liaison on school-related matters.

Tech Lead

Vanier FLOSS Club

Feb 2025 — Present

Remote

- Built and maintained the software and infrastructure used by the club.
- Led and mentored club members in developing software projects used by the club.

Tutor, Math and Science

Vanier College

Feb 2024 — Present

Montreal, Quebec, Canada

- Tutored Math, Physics, and Java-based Computer Science courses.
- Created meaningful study plans for students to achieve their goal.
- Designed creative questions for students to learn key concepts.

Teaching Assistant, Data Structures and Object Oriented Programming

Vanier College

Jan 2025 — May 2025

Montreal, Quebec, Canada

- Assisted in explaining course-related concepts and assignment requirements to students.
- Provided suggestions for improving the design of assignment tasks.
- Graded students' assignments and evaluations.
- Helped identify common student misconceptions and suggested solutions for student improvements.

Sub-Captain, Programming Competition Subteam

Vanier Robotics Team

Sep 2024 — May 2025

Montreal, Quebec, Canada

- Organized and hosted the workshops for preparing the team members.
- Prepared the practice problems and solutions.
- Competed in the programming competition of the CRC TakTik 2025 competition and achieved 1st place in the Division 1 with the team.

Teaching Assistant, Programming 1

Vanier College

Feb 2024 — May 2024

Montreal, Quebec, Canada

- Graded students' assignments and evaluations.

Community Support Team Member & Chatbot Developer


LittleSkinChina

Mar 2021 — Jul 2023


Remote

- Provided support to players and Minecraft server managers using services provided by LittleSkin.
- Developed the internal utility chatbot, written in Python.


PROJECTS

- Developer**, Typstify 


Jul 2024 — Present

 - Developed the application, a Typst editor for iPadOS, using Swift, SwiftUI, and Rust bridged by [chinedufn/swift-bridge](#).
 - Contributed to various open-source dependencies of the project.
- Maintainer**, ungoogled-chromium-macos 

Nov 2023 — Present

 - Maintained the macOS packaging of the Ungoogled-Chromium browser, ensure the browser version is up-to-date.
 - Fixed macOS-specific issues using Quilt patching system.
 - Maintained the shell scripts used for building and packaging the browser.
 - Maintained the GitHub Actions workflow for building and releasing new versions automatically.
- Developer, Documentation Writer**, SlopeCraft ([slopecraft.readthedocs.io](#)) 

May 2022 — Present

 - Maintained the macOS version of the software, a 3D map pixel art generator for Minecraft.
 - Co-authored and maintain the documentation of the software.
- Developer**, RemoteMC 

Mar 2022 — Nov 2023

 - Developed the software, a set of applications, chatbots, and plugins that act in group as a Minecraft server management tools, in Kotlin, Ktor, and Python.

VOLUNTEERING

- Member, Build & Programming Competition Subteams | Vanier Robotics**

Sep 2023 — May 2025

 - Contributed to the Arduino-based robot code development of the 2025 TakTik Robot.
 - Participated in the CRC TakTik 2025 competition, competed in the programming competition and helped the robot testing.
- Event Organizer/Coordinator, Vanier FLOSS Day 24**

Sep 2024 — Oct 2024

 - Organized and coordinated a day-long event for promoting Free/Libre and Open Source Software (FLOSS) and related technologies at Vanier College.
 - Gave a talk related to getting started with contributed to FLOSS projects.
 - Designed the 3D printed SWAG for the event.

AWARD & CERTIFICATIONS

- Canadian Senior Mathematics Contests (2024)**

Jan 2025

The Centre for Education in Mathematics and Computing, University of Waterloo

Montreal, Quebec, Canada

Ranked among the top 25% of all participants.
- 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 all participants in the Senior Division.