Qian Qian

Montreal, Quebec, Canada | me@cubik65536.top

Cubik65536 | in/qianq | cubik65536.top

EDUCATION

Vanier College   Montreal, Quebec, Canada
Diploma of College Studies, Computer Science & Mathematics   *Aug 2023 — May 2025*
- Global R score: 32.5 | Honour Roll: Fall 2023, Winter 2024, Fall 2024
- Activities and societies: Vanier Robotics Team (Member 2023-2025, Prog.-Comp. Sub-Captain 2024-2025), Teaching Assistant (Programming 1, Data Structures and Object Oriented Programming), Math and Science Tutor

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

Founder & Lead Software Developer 🏠 ⭘   Mar 2022 — Present
iXOR Technology   *Remote Self-employed*
- Developed open-source applications in Kotlin, Python, Rust, and Swift.
- Maintained and contributed to multiple open-source software projects.

Co-Founder & Translation Team Leader 🏠 ⭘   Mar 2024 — Present
FOSScope   *Remote*
- Built and maintained the workflow automation tool used by contributors and maintainers in Rust.
- Built and maintained the website used for hosting contents.
- Created and maintained the content contribution guideline and other work procedures.
- Communicated with high-quality FLOSS-related article authors and publishers to get translation permissions.
- Translated articles from English to Chinese.
- Proofread other contributors' articles and translations.

Teaching Assistant, Data Structures and Object Oriented Programming   Jan 2025 — Present
Vanier College   *Montreal, Quebec, Canada*
- Graded students' assignments and evaluations.

Sub-Captain, Programming Competition Subteam   Sep 2024 — Present
Vanier Robotics Team, Vanier College   *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.

Tutor, Math & Science   Feb 2024 — Present
Tutoring & Academic Success Centre, Vanier College   *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, Programming 1   Feb 2024 — May 2024
Vanier College   *Montreal, Quebec, Canada*
- Graded students' assignments and evaluations.

Community Support Team Member & Chatbot Developer 🏠 ⭘   Mar 2021 — Jul 2023
LittleSkinChina   *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
- Develop the application, a Typst editor for iPadOS, using Swift, SwiftUI, and Rust, bridged by chinedufn/swift-bridge.
- Contribute to various open-source dependencies of the project.

Maintainer, ungoogled-chromium-macos 🎧   Jan 2024 — Present
- Maintain the macOS packaging of the Ungoogled-Chromium browser, a privacy-focused Chromium fork sans dependency on Google web services.
- Ensure the browser is up-to-date with the Ungoogled-Chromium project and fix macOS-specific issues using Quilt patching system.
- Maintain the shell scripts used for building and packaging the browser.
- Maintain the GitHub Actions workflow for building and releasing new versions automatically.

Developer, Documentation Writer, SlopeCraft (slopecraft.readthedocs.io) 🎧   May 2022 — Present
- Maintain the macOS version of the software, a 3D map pixel art generator for Minecraft.
- Co-author and maintain the documentation of the software.

Developer, RemoteMC 🎧   Mar 2022 — Nov 2023
- Develop the software, a series of applications and plugins that act in group as a Minecraft server management tools, in Kotlin, Ktor, and Python.

Developer, Sudoku Elves   Jan 2020 — Jan 2021
- Develop the iOS/iPadOS application, a Sudoku puzzle game, in Swift and SwiftUI.
- Develop the algorithm for generating and solving Sudoku puzzles.
- Maintain the application on the App Store.

Volunteering

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.

Member, Build & Programming Competition Subteams | Vanier Robotics Club/Team   Sep 2023 — Present
Major Activities:
- 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.

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.

Canadian Computing Competition (Junior Division, 2023)   Apr 2023
The Centre for Education in Mathematics and Computing, University of Waterloo   Montreal, Quebec, Canada
Ranked among the top 25% of all participants in the Junior Division.

USA Computing Olympiad   Mar 2022
Rank 1 among all pre-college participants in the Silver Division.   Montreal, Quebec, Canada