Qian Qian

📍 Montreal, Quebec, Canada | ✉ me@cubik65536.top

⚙ [Cubik65536](https://github.com/Cubik65536) | in [in/qianq](https://linkedin.com/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
- Relevant Coursework: Calculus I, Calculus II, Linear Algebra, Mechanics, General Chemistry, Waves, Optics and Modern Physics, Introduction to Programming, Data Structure and Object Oriented Programming, Program Development in a Graphical Environment

SKILLS

- **Programming 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.

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.

Co-Founder & Translation Team Leader 🏠 ⚙   Mar 2024 — Present
FOSScope   *Remote*

- Built and maintained the FOSScope toolkit used by FOSScope contributors and maintainers in Rust using AI powered tools.
- 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.
- Led the translation team to ensure the quality of translated texts and establish a positive community environment.
- Translated articles from English to Chinese.
- Proofread other contributors' articles and translations.

Tutor, Math & Science   Feb 2024 — Present
Tutoring & Academic Success Centre, Vanier College   *Montreal, Quebec, Canada*

- Tutored Calculus I, Calculus II, Mechanics, 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

Main Developer, Typstify 🔗   Jul 2024 — Present
- Develop the application, a Typst editor for iPadOS, using Swift, SwiftUI, and Rust, bridged by chinedufn/swift-bridge.

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.

Main 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.

Main 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.

EXTRACURRICULAR ACTIVITIES

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.
- Coordinated the sign-up process for the event.
- Prepared a speak related to getting started with contributed to FLOSS projects.
- Designed and printed a 3D printed SWAG for the event.

AWARD & CERTIFICATIONS

Canadian Computing Competition   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   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