

Gabriel Ong



q-gabe.me



Q-gabe

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(Preferred)

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EDUCATION

NATIONAL UNIVERSITY OF SINGAPORE

B.COMP. IN COMPUTER SCIENCE (HONS)

Grad. May 2021 | Singapore

School of Computing

Cum. GPA: 4.34 / 5.00

NGEE ANN POLYTECHNIC

DIPLOMA IN BIOMEDICAL SCIENCE

May 2015 | Singapore

Cum. GPA: 3.73 / 4.00

SKILLS

LANGUAGES/Frameworks

Fluent:

Java • C • Python

Familiar:

JavaScript • C# • HTML5

CSS • PHP • SQL • Dart/Flutter

CREATIVE TOOLS

Adobe Photoshop • Illustrator

Premiere Pro

COURSEWORK

UNDERGRADUATE

Data Structures and Algorithms

Software Engineering

User Interface Development

Database Systems

Programming Methodology

(C & Java)

Computer Networks

Operating Systems

OTHER DETAILS

Eligible for **H-1B1 US Work Visa**.LinkedIn: [linkedin.com/in/q-gabe](https://www.linkedin.com/in/q-gabe)

PROFESSIONAL EXPERIENCE

WHIZPACE | SOFTWARE ENGINEER INTERN

May 2019 - Aug 2019 | Singapore

- Worked directly with Whizpace's CTO and the development team to strategise and develop software architecture for various products.
- Coordinated with teams from Microsoft to integrate Microsoft Azure Cloud features with the WhizNano, a low-cost Whizpace IoT device, for remote data monitoring.
- Designed and shipped a GUI patch for the WhizRange, a Whizpace-developed router that is currently in deployment worldwide (Singapore, Indonesia, Ghana, etc.). Implemented various new UI/UX features based on current user feedback.
- **Key achievement:** Led and developed a novel prototype application for local WhizNano IoT data monitoring that gained traction with several client companies and secured contracts worth >USD\$10,000.

PROJECTS

DROP THE BEAT | iOS/ANDROID APPLICATION

Jan 2020 | Dart • Flutter • Firebase • SQL

Developed and ideated an iOS/Android phone application for geolocation-based music sharing through public Google Maps and Spotify APIs. Pair-programmed with one other collaborator in a two-man team, and developed entirely in 24 hours for the Hack'n'Roll 2020 Hackathon.

VISIT | JAVA DESKTOP APPLICATION

Aug 2019 | Java • JavaFX • JUnit 5

Developed an open-sourced Patient Management System aimed at low capital clinics and house doctors. Acted as Team Coordinator and Scrum Master for a team of 5 developers over the course of 4 months.

IOT DATA MONITORING CLIENT | FOR WHIZPACE

May 2019 | C# • .NET

Led and pioneered the development for a Windows Application after collaborating with Whizpace's Sales team and identifying a key market which desired a non-cloud solution to monitor IoT data. The application heavily featured multi-threaded programming for overall GUI responsiveness, data log generation, and data visualisation using interactive graphs and tables.

Q-GABE.ME | PERSONAL WEBSITE

Aug 2018 | Jekyll/Ruby • JS/jQuery • CSS3 • HTML5

Adapted and modified a static website for personal use, featuring responsive web design elements and animations.