

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: 4.31 / 5.00

NGEE ANN POLYTECHNIC

DIPLOMA IN BIOMEDICAL SCIENCE

May 2015 | Singapore

Cum. GPA: 3.73 / 4.00

SKILLS

PROGRAMMING

Fluent:

Java • C • Python

Familiar:

Javascript • C# • HTML5

CSS • PHP

COURSEWORK

UNDERGRADUATE

Data Structures and Algorithms

Software Engineering

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

IOT DATA MONITORING CLIENT FOR WHIZPACE

May 2019 - Aug 2019 | Singapore

Led and pioneered the development for a C# 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.

PERSONAL WEBSITE Q-GABE.ME

Aug 2018 - Present | Singapore

Motivated by rising popularity in static sites, I adapted and modified a static website for personal use. The website is built using Jekyll which runs on Ruby, utilises jQuery and uses Liquid templating language, CSS3, and HTML5.

OTHER EXPERIENCE

SINGAPORE ARMED FORCES | WEBMASTER

Oct 2015 - Aug 2017 | Singapore

- Appointed as the Webmaster of the Navy Medical Service.
- Implemented additional UI features onto an intranet website to improve user experience, utilising HTML5 and CSS knowledge.
- Involved in content maintenance and debugging of the website.