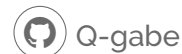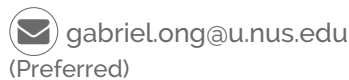# Gabriel Ong

q-gabe.me

Q-gabe

gabriel.ong@u.nus.edu
(Preferred)

+65 9229-1220

EDUCATION

NATIONAL UNIVERSITY OF SINGAPORE
B.Comp in Computer Science (Hons)
Grad. May 2021 | Singapore
School of Computing
Cum. GPA: 4.33 / 5.00

NGEE ANN POLYTECHNIC
Diploma in Biomedical Sci.
May 2015 | Singapore
Cum. GPA: 3.73 / 4.00

SKILLS

LANGUAGES
Fluent:
Java • JavaScript • Python
Familiar:
C • HTML5 • CSS
PHP • SQL • C# • Dart

CREATIVE TOOLS
Adobe XD • Photoshop
Illustrator • Premiere Pro

CERTIFICATIONS
Google Cloud
Associate Cloud Engineer
Issued Aug 2020 | Expires Aug 2022

COURSEWORK

UNDERGRADUATE
Data Structures and Algorithms
Software Engineering
(Teaching Assistant)
User Interface Development
Database Systems
Networks & Internet Architecture
Operating Systems

MISC. DETAILS
Eligible for **H-1B1 US Work Visa**.
LinkedIn: **linkedin.com/in/q-gabe**

PROFESSIONAL EXPERIENCE

GRAB | Full Stack Engineer Intern
May 2020 - Aug 2020 | Singapore
- Worked with a team to develop and maintain Grab's corporate website across 8 regional markets, with site traffic of 10M++ visitors/month.
- Worked closely with creative teams for pixel perfect implementations of designs using modern web technologies.
- **Key achievement:** Planned, developed and drove initiative for a maker-checker editorial workflow system within Grab's CMS for hundreds of internal users.

WHIZPACE | Software Engineer Intern
May 2019 - Aug 2019 | Singapore
- Worked directly with CTO and the engineering team to strategise and develop software architecture for various products.
- Coordinated with teams from Microsoft to integrate Azure Cloud features with in-house IoT devices for remote data monitoring.
- **Key achievement:** Led and developed an application for IoT data monitoring that gained traction with several client companies and secured contracts worth >USD$10,000.

PROJECTS

PET BOARDING DASHBOARD Web Application
Oct 2020 | AWS Lambda • Serverless • MongoDB Atlas • NodeJS • VueJS • LESS • Mocha/Chai/SuperTest
Styled VueJS Web application for a mock pet boarding facility consuming an Serverless API deployment with full CI/CD pipeline implementation using AWS CodeBuild.

DOCKERIZED KAFKA CLUSTER Middleware
Oct 2020 | Apache Kafka • Apache Zookeeper • Docker
Multi-broker Kafka setup for event streaming managed by a Zookeeper ensemble for fault tolerance. Containerized using Docker Compose for easy deployment.

DORM-DASHBOARD Web Application
Apr 2020 | ReactJS • Meteor • MongoDB
Temperature management dashboard for a mock residential hall with interactive time series data visualization using JS. Deployed to cloud using Heroku's Dyno and MongoDB microservices.

DROP THE BEAT iOS/Android Application
Jan 2020 | Dart • Flutter • Firebase • SQL
Geolocation-based music sharing application utilizing Google Maps and Spotify APIs. Pair-programmed with one other collaborator and developed in 24 hours.

OTHER EXPERIENCE

Jun 2020	Google Cloud Student Sprint	*Participant*
Jan 2020	NUS Hack&Roll 2020	*Participant*