Computer engineering undergraduate

- +65 97293587
- ⊠ <u>Email</u>
- Singapore
- <u>Linkedin</u>
- % Personal website

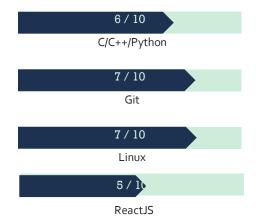
## ABOUT ME

An inquisitive learner with a passion towards all things tech. Enjoy building cool software, especially so when it could also benefit the community.

Hobbies include learning opensourced tech stacks that could help me build the things I enjoy and powerlifting/bodybuilding

I have experiences in low level embedded languages like C/C++ as well as scripting languages like python. I was also taught the fundamentals of software engineering principles in my university.

### TECH STACKS



## EDUCATION

# Bachelors (Hons.) / Computer Engineering

National University of Singapore Aug 2018 – May 2022 (Current GPA:4.33/5.0)

Teaching assistant for software engineering module: CS2113T AY20/21.

Course Highlights: Data structures and algorithms, Internet security and known vulnerabilities, Software engineering and product design, Computer architecture and operating systems.

## EXPERIENCE

Full stack intern

NUS Information Technology / Singapore / Dec'19 – May'20

Co-developed a prototype wireless sensor using a 3-tier architecture.

- Wrote the back-end python scripts required for the sensor to automatically capture data and wireless statistics 24/7.
- Planned the design of the database in MySQL for the wireless data to be stored.
- Developed a user-friendly configurable front-end web dashboard to present the data pulled from database.

#### IoT Connectivity intern

NUS Information Technology / Singapore /May'20 – Present

Developing an automated solution for IoT devices to be connected to NUS campus network.

 Understanding the Cisco ISE API documentation and implementing the APIs via ansible playbooks to be called in the application server.