



Wei Yang
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Computer engineering undergraduate



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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 open-sourced 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

6 / 10

C/C++/Python

7 / 10

Git

7 / 10

Linux

5 / 10

ReactJS

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.

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.