W/Y

Wei Yang Hong

Software enthusiast & undergrad

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✉ **Email**

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👤 **Linkedin**

🔗 **Personal website**

TECH STACKS

6 / 10
C/C++/Python

7 / 10
Git

7 / 10
Linux

7 / 10
Web development

EDUCATION

Bachelors (Hons.) / Computer Engineering
National University of Singapore
Aug 2018 – May 2022 (Current GPA:4.19/5.0)

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.
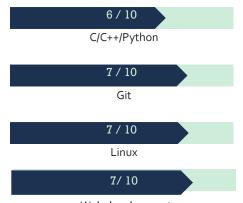
ABOUT ME

I love building cool and awesome products used by folks around the world. The thought of impacting millions of lives from just code alone excites me!

Hobbies include tinkering with open-sourced tech stacks and powerlifting (lifting heavy stuff off the ground).

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.

EXPERIENCE

Software engineer intern

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

Co-developed a wireless sensor prototype via a 3-tier architecture.
- Developed the back-end python scripts required for the sensor to automatically capture data and wireless statistics 24/7.
- Developed a user-friendly configurable web dashboard via react as frontend and node as backend
- Check this article out to find out more about the process!

Co-developed an automated solution for IoT devices to be connected to NUS campus network.

- Developed the APIs needed for each automated actions and account authentication via python and subsequently
- Developed the front-end dashboard alongside a UI/UX designer from a wireframed prototype

Software engineer intern

Edison Software / San Francisco, Bay Area / Jan'21 – Current

- Currently developing an integrated calendar from all email providers as well as working alongside the team to deploy the long awaited email provider!