

Khairul Iman

khairuliman.com | khairul.nasri895@gmail.com

EDUCATION

NUS

COMPUTER ENGINEERING

Second Major in Innovation and Design

Expected May 2022

CGPA: 4.06

LINKS

Github: @namiwa

LinkedIn: Khairul Iman

SKILLS

PROGRAMMING

Proficient:

- JavaScript • Python
- Java • C/C++

Familiar:

- MySQL • Matlab
- Verilog • Assembly
- CSS

SOCIETIES

- iDP Student's Club
- NUS Investment Society
- Developer's Student Club

EXPERIENCE

NUS INFORMATION TECHNOLOGY | PROJECT INTERN

Aug 2020 - Dec 2020 | Part-time

- Extending the network automation project, currently working to improve useability and adding more testing features.

May 2020 - July 2020 | Full-time

- Working on a network automation project, attempting to optimise network provisioning for remote sensors to researchers on the campus network

Feb 2020 - Apr 2020 | Part-time

- Improved prototype dashboard UI, and converted the previous 2 tier architecture to a 3 tier architecture to improve security and scalability

Dec 2019 - Jan 2020 | Full-time

- Developed a prototype network sensor using a Raspberry Pi, Raspbian OS and Linux Networking Utilities
- Integrated wireless data collected to a web dashboard built using React.js, Redux.js and Express.js

NUS - CG2271 | LABORATORY TEACHING ASSISTANT

Aug 2020 - Dec 2020 | Part-time

- Assisting in conducting weekly laboratory teaching sessions
- Provided ad-hoc support to module coordinator

PROJECTS

STARTUP PROJECT | YWASTE

May 2020 - Present

We intend to tackle the issue of food waste in Singaporean households by creating a mobile application which can easily help track food purchase and inventory for families.

IDEATE 2020 | HACKATHON ORGANISING COMMITTEE

Aug 2020

For the iDP Student's Club, my department lead the club's first online hackathon, seen [here](#).

EG3301R - ASI-304 | APPLYING AI AND ML TO SATELLITE DATA

Jan 2020 - Dec 2020

Currently working with a team of 4 developers to explore implementation with Tensorflow. The interim prototype can be seen [here](#).

NUS INVESTMENT SOCIETY | QUANTITATIVE ENGINEER

Oct 2019 - Jul 2020

Exploring with open source datasets provided from Data.gov, URA and OneMap APIs, we attempt to collect sufficient data to apply regression and deep learning techniques to housing data.

AWARDS

2020	Funding Awarded	Innovation and Enterprise Practicum SoC
2019	1 st Place	ComfortDelgro Hackathon Move-in-Please 2019