

# Khairul Iman

khairul.nasri895@gmail.com | 9836222 | Singaporean

## EDUCATION

### NATIONAL UNIVERSITY OF SINGAPORE

**COMPUTER ENGINEERING**  
Second Major in Innovation and Design | Expected Apr 2022 | Singapore, SG  
CGPA: 4.07

## 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

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

### BDO LLP SINGAPORE | ADMIN ASSISTANT

Feb 2018 - Aug 2018 | Full-time Contract

- Managed onboarding for large payroll clients using the TIMES HR Payroll System
- Assisted with checking and preparing of consolidated financial statements for private wealth clients

## 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.

### ASI-304: APPLYING MACHINE LEARNING AND ARTIFICIAL INTELLIGENCE TO SATELLITE DATA | EG3301R - IDP MODULE

Jan 2020 - Present

Currently exploring with Tensorflow and OpenCV for implementation. The interim prototype can be seen [here](#).

### DEVELOPER'S STUDENT CLUB | SOFTWARE DEVELOPER, TEAM A

Nov 2019 - Present

Working with a team of 5 developers, we are currently attempting to create educational games for young children with autism using React.js and Firebase.

### NUS INVESTMENT SOCIETY | QUANTITATIVE ENGINEER

Oct 2019 - Present

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	Awarded Funding	Innovation and Enterprise Practicum
2019	1 <sup>st</sup> Place	ComfortDelgro Hackathon Move-in-Please 2019