Khairul Iman

(65) 9832-6222
khairul.nasri895@gmail.com
https://github.com/namiwa
https://www.linkedin.com/in/namiwa

EXPERIENCE

Ruckus Wireless, CommScope Communications, Singapore - *Software Engineer*

July 2022 - Present

- Contributed to active **React.js** & **TypeScript** monorepo for a consolidated UI experience for users of Ruckus software

National University of Singapore, Singapore — *Lab Teaching Assistant*

Jan 2022 - Apr 2022 (Part-time), Aug 2020 - Dec 2020 (Part-time)

- Mentored students to design, implement and build a maze clearing robot with **RTOSv2** and embedded programming on the **ARM-M0+** processor

Sellgo, Silicon Valley — *Fullstack Engineering Intern*

Jan 2021 - Dec 2021 (Full-time), Jan 2022 - Feb 2022 (Part-time)

- Built extendable web scrapers in **Scrapy** & **Scrapyd**, along with designing a **MongoDB Atlas** database & proxy services to be able to scrape at a speed of **1+ million pages** a day
- Designed **data visualization** with **D3.js, Django & Postgres**, working with a dataset size of **100GB+**

NUS Information Technology, Singapore — *Project Intern*

Dec 2019 - Dec 2020 (Combination of Full-time & Part-time)

- Prototyped a **low-cost** network health sensor using **Raspberry Pis,** which is able to detect fluctuations in **Wi-Fi** strength from **5-10 meters**
- Prototyped a **Flask**, **MySQL**, **Ansible**, **Cisco ISE** backend to provision internet to campus **IoT devices**

EDUCATION

National University of Singapore, Singapore — *Computer Engineering*

Aug 2018 - May 2022

Second Major in Innovation & Design, with entrepreneurial exposure gained from the Overseas College (Silicon Valley). Headed the Outreach & Development department in IDP Student's Club.

SKILLS

Python, Typescript, JavaScript, Git, Docker, HTML, CSS, C++, C, Java, Verilog, SQL, Excel, BigQuery, Word, PowerPoint

AWARDS

Innovation & Enterprise Practicum Won a $10K SGD grant for pitching a household waste tracking app.

Philip Yeo Grant Attained a $5K SGD grant for entrepreneurial activities and exploration.

AMP-2nd Chance Study Award Received a $2K SGD for pursuing undergraduate studies in STEM.

ComfortDelgro Hackathon 2019 1st place team winner, pitched improvements to current SBS buses.

LANGUAGES

English, Malay, Bahasa (Basic)

PROJECTS

Ideate 2020 organized an online hackathon for IDP Student's Club.