

LEONG KO RYAN JASPER

E1122193@u.nus.edu • <http://www.linkedin.com/in/ryanjasperkoleong>

EDUCATION

National University of Singapore**Aug 2023 - Present****Bachelor of Engineering (Honours)**

- Major in Computer Engineering
- Engineering-Scholar's Program
- Expected Date of Graduation: May 2026

WORK EXPERIENCE

HolyWally, Product Owner Intern**April 2023 – June 2023**

- Developed internal tools using Superblocks to integrate with PostgreSQL DB and HolyWally Backend API to aid Product team with testing
- Wrote Jira tickets with Technical Requirements and Acceptance criteria to assign tasks to developers for feature implementation/ bug fixing
- Conducted QA testing for web portal and mobile app, designing api calls using Postman to third party apis
- Updated 3 and created 6 articles in Company's documentation with Docusaurus and Azure DevOps

Singapore Armed Forces, Combat Medic**January 2021 – November 2022**

- Provided Medical coverage for a platoon of 20 soldiers in 8th Singapore Infantry Regiment
- Trained in Basic Cardiac Life Support (BCLS) and administering CPR and AED
- Underwent a 3-month medic course conducted by SAFMTI based on syllabus by Justice Institute of British Columbia

Infineon Technologies, Student Intern**June 2018 – June 2018**

- Assigned by Senior Director of Corporate Supply Chain to create a project with Hall effect sensors, Arduino and DAVE (a C/C++ programming language made by Infineon)

PROJECTS AND ACTIVITIES

Harvard CS50x Final Project**March 2022 – March 2022**

- Posted full source code on GitHub Repository: <https://github.com/ryryry-3302/RyNance>.
- Launched a solo project to build a website to help Singaporean Youth make better financial decisions and learn more about retirement planning with 2 core functions, Retirement Calculator and Budgeting tool.
- Built website using Flask Framework, Bootstrap, SQLite3, Python, JavaScript, CSS.

Chips@School Competition, 1st Place**August 2017 – August 2017**

- Embarked on a project grey water recycling using Arduino chips to reduce water usage in HDBs.

CO-CURRICULAR ACTIVITIES AND VOLUNTEER EXPERIENCES

Publicity Team, International Service-Learning Expedition**March 2019 – March 2020**

- Cooperated with a 25-member student team embarked on a service-learning project with primary objective of constructing a water filter in a village Luang Prabang, Laos
- Edited videos and help to maintain the CCA's social media page with team of 4

Volunteer, Causes For Animals Singapore**February 2019 – April 2019**

- Maintained and cleaned 4 kennels for stray dogs at the CAS shelter as well as walk, feed and groom dogs at shelter

ADDITIONAL INFORMATION

- **Languages:** Native English Speaker, Elementary Chinese
- **IT Skills:** C, Python (Flask, Django), JavaScript, HTML (Bootstrap5), SQL (SQLite3, PostgreSQL), Git, Github, Visual Studio Code