

LEONG KO RYAN JASPER

+65 92314524 • rjleong2002@gmail.com • <http://www.linkedin.com/in/ryanjasperkoleong>

EDUCATION

National University of Singapore Bachelor of Engineering (Honours) <ul style="list-style-type: none">• Major in Computer Engineering• Engineering-Scholar's Program• Expected Date of Graduation: May 2026	Aug 2023 - Present
---	---------------------------

WORK EXPERIENCE

HolyWally, Product Owner Intern <ul style="list-style-type: none">• 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	April 2023 – June 2023
Singapore Armed Forces, Combat Medic <ul style="list-style-type: none">• 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	January 2021 – November 2022
Infineon Technologies, Student Intern <ul style="list-style-type: none">• 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)	June 2018 – June 2018

PROJECTS AND ACTIVITIES

Harvard CS50x Final Project <ul style="list-style-type: none">• 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.	March 2022 – March 2022
Chips@School Competition, 1st Place <ul style="list-style-type: none">• Embarked on a project grey water recycling using Arduino chips to reduce water usage in HDBs.	August 2017 – August 2017

CO-CURRICULAR ACTIVITIES AND VOLUNTEER EXPERIENCES

Publicity Team Member, 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