

EDWARD LIAU YEE SENG

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EDUCATION

National University of Singapore Yale-NUS College

Jul 2021 - May 2025

- Major in Mathematical, Computational, and Statistical Sciences (MCS), focus in Computer Science

Hwa Chong Institution A-Level Programme

Jan 2015 - Oct 2020

- H2 History, Economics, Literature, and Mathematics

WORK EXPERIENCE

Office of Student Affairs, Student Associate for Student Organisations

Jan 2023 - Nov 2023

- Designed, implemented, and maintained a Telegram Bot to answer FAQs by students about Student Organisations affairs and make classroom bookings hosted on PythonAnywhere
- Utilised Technologies and Frameworks: Python, Telegram API

go-cart.io, Student Researcher

May 2022 - Jan 2023

- Automated the updating of bibliographic information using BibTeX files using Github Actions and YAML script, and updated a sample data directory of cartograms
- Utilised Technologies: C++, CGAL, CMake, Bash, CSS, HTML, Javascript

NUS MVP Studios, Software Engineer Intern

Jun 2023 - Sep 2023

- Provided full-stack support from backend API creation and data model design to frontend website and mobile application design
- Utilised Technologies and Frameworks: Python, CSS, Javascript, React, Dart, Flutter, Django, MongoDB, Firebase

PROJECTS

Ground Zero 2021, Lead Designer

May 2021

- Ideated and presented a proof of concept for Rescale Lab's startup ideation competition, designed an original UI for, and was named the first-runners-up for Potato, a proposed application for productivity management and monitoring

TECHNICAL SKILLS

- Microsoft Suite (Excel, Word, Powerpoint)
- Programming Languages: C++, Python, R, Dart, HTML, Javascript, CSS
- Programming Frameworks: Django, Flutter, React
- Technologies: MongoDB, Firebase, SQL
- Adobe Suite (Lightroom, Premier Pro, After Effects, Audition, Photoshop)

LANGUAGES

- English (Native), Mandarin (Native), Malay (Native)