

Leonard Yam

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EDUCATION

National University of Singapore

Aug 2021 - May 2025

Bachelor of Computing in Computer Science

- CGPA – 4.75/5.0
- Scored As for 9 out of 10 Computer Science modules so far, which includes an A+ for Data Structures & Algorithms.

EXPERIENCE

Teaching Assistant, *National University of Singapore*

Jan 2023 - May 2023

- Taught Data Structures and Algorithms (CS2040S) to students of various skill levels
- Collaborated with fellow tutors to design and improve course materials

Administrative Assistant, *Soon Poh Telecommunications*

Nov 2020 - Dec 2020

- Initiated the automation of manual administrative processes to improve company efficiency through Python scripts that parse Excel workbooks and manage administrative files.

PROJECTS

Redive

- Designed a web-app based on browsing top all-time posts on subreddits
- Developed using NextJS 13 App Router, React Server Components, Zod, Typescript, HTML and CSS modules

Reroll

- Led a group of student developers in the development and deployment of a management system
- Produced documentation for the application through UML diagrams
- Developed using Java, OOP

CO-CURRICULARS

Participant, *Cyber Defenders Discovery Camp*

May 2018 - Jun 2018

- Collaborated with fellow students in a Capture-The-Flag (CTF) competition
- Executed penetration-testing with Kali and SQL injections to capture several flags for my team

SKILLS

- Languages: Java, JavaScript, Python, TypeScript, HTML, CSS, SQL, C, C++
- Frameworks, etc.: NextJS, React, Redux, MongoDB, GraphQL

COMMUNITY INVOLVEMENT

- Taught digital skills to the elderly at Thye Hua Kwan Senior Activity Centre