

Leonard Yam

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EDUCATION

National University of Singapore

Aug 2021 - May 2025

Bachelor of Computing in Computer Science

- CGPA – 4.7/5.0
- Data Structures and Algorithms - A+
- Programming Methodology II - A
- Database Systems - A

WORK 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 automation of manual administrative processes using Python libraries like docx2pdf and openpyxl, reducing man-hours needed

PROJECTS

Reroll

Jan 2023 - Mar 2023

- Led a group of student developers in the design and development of a tracking and management system

Bob Chatbot

Jan 2023 - Mar 2023

- Developed a text-based task manager with a JavaFX GUI
- Deployed using a Git workflow and best software practices

CO-CURRICULARS

Participant, *Cyber Defenders Discovery Camp*

May 2018 - Jun 2018

- Collaborated with others in a Capture-The-Flag (CTF) competition
- Executed penetration-testing with Kali and SQL injections

SKILLS

- Comfortable - Java, JavaScript, Python, React, Redux, SQL, Git
- Foundational knowledge - MongoDB, GraphQL

COMMUNITY INVOLVEMENT

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