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

WORK EXPERIENCE

Teaching Assistant, *National University of Singapore*   **Jan 2023 - May 2023**
- Selected as a teaching assistant for CS2040S Data Structures and Algorithms, demonstrating exceptional mastery over the topic
- Improved clarity and effectiveness of course materials through collaborating with fellow tutors to spot inaccuracies
- Taught students the fundamentals of data structures and algorithms through conducting weekly tutorial sessions and frequent code reviews

Administrative Assistant, *Soon Poh Telecommunications*   **Nov 2020 - Dec 2020**
- Improved company efficiency by proposing and implementing the automation of manual administrative processes through Python scripts which parse Excel workbooks and manage administrative files

PROJECTS

Redive
- Designed and developed a web-app that communicates with Reddit's API, providing a better user experience for 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
- Conducted regular code reviews during the development process, enhancing code quality of the application
- Produced comprehensive documentation for the application, including architectural UML diagrams
- Developed using Java and Object-Oriented Programming (OOP)

SKILLS

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

OPEN SOURCE

- Made minor contributions to wpt.fyi, a dashboard used by major browser developers, through miscellaneous bug fixes and the integration of a new Golang linter
- Made minor contributions to FormSG, an application used by government agencies in Singapore, through miscellaneous bug fixes