Yap Ho Wen

Mobile: +65 8810 0639 | **Email:** howenyap@u.nus.edu | https://www.linkedin.com/in/howenyap/ | https://github.com/howen02

EDUCATION

NATIONAL UNIVERSITY OF SINGAPORE   Aug 2022 - Present
Bachelor of Computing in Computer Science
- Minor in Quantitative Finance
- Relevant course work: Programming Methodology, Data Structures & Algorithms, Computer Organisation, AI & Machine Learning, Software Engineering, Database Systems, Information Security

PROJECTS

Jomlah, Web Application
Developed a full-stack website offering users a curated experience to browse detailed car specifications and seamlessly rent their ideal vehicle for any adventure.
- TypeScript, React, NextJS
- Tailwind, Headless UI
- Fetched car data from API Ninjas and car images from Imagin Studio's API

Health Tracker, IOS Application
Created a user-centric health-tracking mobile application designed to seamlessly integrate into daily routines. Empowering users to easily track their daily physical activity
- Javascript, Typescript, React Native
- SVG, Reanimated & Health Connect

CNFT Updates, Telegram Bot
Crafted a Telegram bot for the Cardano community, delivering real-time updates on Cardano NFT statistics. Users can quickly access trends, staying informed about the evolving Cardano NFT landscape.
- Python, python-telegram-bot
- Opencnft Developer API

Snorlax, Task Manager
Built a Java task manager while strictly following software engineering principles. Application includes a conversation-like interface and features including different task types, search and snoozing
- Java, JavaFX
- Gradle

Wallet Watch, Discord Bot (Work in Progress)
Developing a Discord Bot to notify users of their wallet transactions. Notification types include and are not limited to crypto transactions, NFT sales and coin swaps.
- TypeScript, Discordant
- Blockfrost API

CO-CURRICULAR ACTIVITIES

NUS FINTECH SOCIETY, Marketing Executive   Jan 2023 - Present
- Strengthened online presence by curating visual content and engaging with target audience on various platforms
- Headed event coordination along with vendor sourcing merchandise and materials for flagship events

MALAYSIAN STUDENT LEAGUE, Programmes Executive   Aug 2022 - Aug 2023
- Organised and executed a series of orientation activities for a group of 100 freshmen, creating a welcoming atmosphere for enrolling Malaysians
- Promoted an inclusive atmosphere to facilitate connections among Malaysian students, contributing to a sense of belonging in a foreign country

TECHNICAL SKILLS
- Languages: Python, Javascript, TypeScript, Java, C
- Frameworks & Libraries: React, React Native, NextJS, NumPy, PyTorch
- Tools: Canva, Figma, Vercel, Git

WORK EXPERIENCE

TOUCHE PASTRIES & MORE *Staff*   Jan 2022 - Present
- Maintained spreadsheets to efficiently calculate daily expenses and sales data, supporting cost control
- Directed design and visualization of comprehensive annual sales versus expense metrics elevating financial clarity