

Jan Oweyong Guo Yong

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EXPERIENCE

Software Developer – Wave Private Limited, Singapore

Sep 2019 - Present

- Assisted in the development of the internal admin dashboard to allow admin and authorised users to manage resources such as users, events, and discounts for their mobile application.
- Assisted in the development of several micro-architecture RESTful API services, such as events and attendance, for the mobile application.

Tech Lead – Snapee Pte Ltd, Singapore

Jan 2019 - Feb 2021

- Developed a Telegram bot that allows users to manage and spend their retail and food vouchers earned by playing games and doing tasks.
- Coordinated with the mobile application team to plan and upgrade the system's database to convert the Telegram bot into a mobile application.
- Developed a web application that recommends nearby restaurants to users based on their location and dietary preferences.
- Oversaw the performance and status of the Telegram bot and the web application.

PROJECTS

Title: Multi-Disciplinary Project

- Coordinated with a team of students to develop a robot to explore and navigate a maze.
- Involved in implementing exploration and fastest path algorithm.
- Built using: Python
- Repository: [HanYiChoong/MDP_Grp6_Algorithms](#)

Title: Zoomba

- A motion tracking desktop game that trains the player's mind and reflexes.
- Involved in the development of a landing page to distribute the software and an admin dashboard to track the player's progress in real-time.
- Built using: VueJS, Firebase
- Repository: [TryingOutSomething/Zoomba](#)
- Demo: [Zoomba Platform](#)

Title: CCA Web Scraper

- An automated web scraper that scrapes the Co-Curricular Activities (CCA) from Ngee Ann Polytechnic's website.
- Built using: Python, Selenium
- Repository: [TryingOutSomething/CCA-web-scraper](#)

Title: Sound_Mode

- An Open-Source plugin that allow users to toggle between Normal, Silent and Vibrate mode on their Android smartphone.
- Built using: Dart, Java
- Repository: [TryingOutSomething/sound_mode](#)

SKILLS & INTERESTS

Programming Languages: Java, Python, JavaScript

Frameworks & Databases: Vue.js, Spring, MySQL, MongoDB, Firebase

Development Tools & Environments: Git, Github, Node.js, Windows, Linux, AWS, Docker

Interests: Infrastructure, Software Development & Engineering

EDUCATION

Nanyang Technological University, Singapore

Aug 2018 - May 2022 (expected)

- **Bachelor of Engineering (Computer Science)**

- **Relevant Courses:**

Data Structure, Digital Logic, Algorithms, Advanced Computer Architecture, Object Oriented Design and Programming, Software Engineering, Net Centric Computing, Operating Systems, Compiler Techniques, Artificial Intelligence, Software Security, Distributed Computing