

Jan Oweyong Guo Yong

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EXPERIENCE

Software Developer – Wave Private Limited, Singapore

Sep 2019 – Jan 2021

- Built an internal admin dashboard for admin and authorised users to manage content for the company's mobile application, uWave.
- Developed several micro-architecture RESTful API services for the company's mobile application, uWave.

Tech Lead – Snapee Pte Ltd, Singapore

Jan 2019 - Feb 2021

- Created Snapee, a Telegram bot with 4000+ users that manages their rewards earned on the platform.
- 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.
- Troubleshooted network and production issues and performed root-cause analysis.

PROJECTS

Title: Multi-Disciplinary Project

- Coordinated with a team of students to create a robot to explore and navigate a maze.
- Responsible for the implementation of the 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.
- Responsible for designing and building 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](#)

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 Dart/Flutter plugin that allows users to toggle between Normal, Silent and Vibrate modes 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

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