

Wymen Lim Sheng Rong

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EDUCATION

Singapore Institute of Technology / University of Glasgow

Sep 2023 – Present

- BSc. (Hons) Computing Science (GPA 4.51 / 5.00)

Temasek Polytechnic

Mar 2019 – Apr 2022

- Diploma in Accountancy and Finance (GPA 3.53 / 4.00)

WORK EXPERIENCE

Financial Advisor Assistant, Great Eastern Financial Advisers

Apr 2021 – Oct 2021

- Assisted with customer recruitment efforts for supervisor
- Assisted in coordinating appointments and follow-ups with prospective clients
- Interacted professionally with customers to provide basic information and assistance

PROJECTS

- **Elderly Events Web Application (Cloud-Native)**
 - Developed a cloud-native web application to manage and coordinate events for elderly users
 - Implemented using **containerised microservices** to improve scalability and modularity
- **Flight Path Visualisation Web Application**
 - Applied Dijkstra's algorithm and Yen's algorithm to compute optimal and alternative routes
- **Smart Waste Management System**
 - Designed and implemented an **IoT-enabled** smart trash bin using embedded sensors and actuators
 - Enabled **MQTT -based communication** between distributed devices to transmit real-time sensor data to a central
- **Gamified Feedback Web Application (Ongoing Project)**
 - Collaborating with Singapore Cancer Society to develop a feedback web application using **Agile Scrum practices**

CO-CURRICULAR ACTIVITIES

- Build for Impact 2026 Hackathon (Ongoing)

SKILLS / COMPETENCIES

- **Programming Languages**
 - Python
 - Java
 - C
 - JavaScript/ HTML / CSS
 - Rust
 - Kotlin
- **Software Development**
 - Full-Stack Web Development
 - Mobile Application Development
 - Agile Scrum Methodology
- **Cloud**
 - Containerization
 - Container Orchestration
- **Software Tools**
 - Docker / Docker Compose
 - Next.JS
 - MongoDB
 - MySQL
 - Jupyter Notebook
 - Git

LANGUAGES

- Fluent in both English and Mandarin