

# Wymen Lim Sheng Rong

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## EDUCATION

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**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

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**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

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- **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

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- Build for Impact 2026 Hackathon (Ongoing)

## SKILLS / COMPETENCIES

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- **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

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- Fluent in both English and Mandarin