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

- **Food For Thought**
  - Integrated **computer vision** to extract ingredients and estimate quantities from grocery photos, enabling automated inventory management.
  - Designed an **AI-assisted recipe system** using SEA-LION to deliver culturally authentic Southeast Asian cuisine recommendations

- **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**

SCAN ME

Scan for more details on my projects!

CO-CURRICULAR ACTIVITIES

- Build for Impact 2026 Hackathon (Participant)

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 written and spoken English and Mandarin