Shun Le Yi Mon (Sheryl)

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Education

University of Manchester   **Sep. 2021 - Jun. 2024**
B.Sc in Computer Science   *Expected 2:1*
Relevant Courses: Algorithms and Data Structure, Enterprise Strategy and Marketing, Finance, Data Science, Machine Learning, Software Engineering, Visual computing, Investment Economics & Innovation

Experience, Leadership & Volunteering

Online Maths Tutor at **University of Manchester**   **Apr. 2023 - Mar. 2024**

- Delivering comprehensive online tutoring to **4-5 A-level students** from local colleges for an hour fortnightly for **a 14-month period**, fostering their understanding of computer science and mathematics.
- Underwent training and orientation to ensure adeptness in implementing **industry-leading methods and resources** endorsed by the London Mathematical Society, British Computer Society, and affiliated partners.

Technical Officer & Volunteer at **Greater Manchester Nightline**   **Dec. 2022 - Jun. 2023**

- Completed and passed post-test of listening training of **six-week**, and offered high-quality and non-judgmental listening service at least **three shifts per semester**.
- Managed office devices maintenance weekly and **re-designed** society website to overhaul vision and experience.

Online Data Analyst at **TELUS International AI Solutions**   **Sep. 2022 - Aug. 2023**

- Contributed to enhancing global **AI technology and digital experiences** on **monthly** basis.
- Proficiently handled diverse data types with high precision and accuracy on every task and ensured adherence to **ethical data handling practices**.

Technical Support Intern at **GAO Tek Inc.**   **Nov. 2021 - Feb. 2022**

- Delivered valuable **research** and **data support** in the technology department.
- Handled and reorganised large research data with high quality and accuracy.
- Consistently delivered a **minimum of 25 high-quality documents** every week for **three months**, exceeding team expectations with obligation.

Projects

Saas Task Management Website   *TypeScript, Next.js, Prisma, MySQL*

- Developed cutting-edge **Saas task management platform** with **Next.js14**, **Bun**, **Stripe Connect**, **Prisma**, **MySQL**, enabling seamless **B2B2B** collaboration.
- include features like **multivendor support**, **unlimited funnel hosting**, **role-based access**, **Stripe** integration for subscriptions and add-on products, **customizable dashboards**, **project management system**, **Kanban board**, and **light/dark mode**, among others, empowering efficient project organization and growth.

TLA+ Specification Clones Analysis (Final Year Project)   *Python, Difflib, CSV*

- Conducted comprehensive research involving data collection, cleansing, processing, and analysis to draw structured evaluations and conclusions on **TLA+ specification clones**.
- Implemented a proficient **code clone detection** tools, contributing to the ongoing research on code clones in formal specifications, thereby enhancing my expertise in code clone detection, formal specifications, and **research methodologies**.

Eventlite (Software Engineering Team Project)   *Java, Spring MVC, Thymeleaf*

- Cooperated in **a team of seven** to design **event-listing web application**.
- Practiced **Test-Driven Development** throughout the project, maintained version control using **Git**, and integrated the **Mapbox API**, **Mastodon API** and **REST API**.

Stendhal (Software Engineering Team Course)   *Java*

- Cooperated in **a team of seven** to upgrade and develop features to **Stendhal** (an open source **MORPG game**).
- Practiced and implemented **Test-Driven Development, Jenkins, and CI/ CD Brown field development** throughout the project, maintained version control using **Git**.

Personal Projects   *Swift, SwiftUI, Python*

- Developed various **iOS** applications such as image editing, informational, classic games, geological and educational using **XCode**; integrated machine learning API using **Core ML** and **accessibility** features to generates a seamless user experience.
- Designed *data analysis and prediction for the stock price of a selected stock* and *analyze customer churn for a telecommunications company* in **Jupyter**; integrated **pandas**, **numpy**, **sklearn**, **matplotlib**, **seaborn**, **yfinance**, **statsmodels** libraries.

Skills

Programming Languages: Python, Java, C, C++, HTML, CSS, JavaScript, Haskell, Swift, Swift UI, Rust, TypeScript, React, Next.js, Node.js, Tailwind, Framer Motion

Speaking Languages): English(fluent), Burmese(fluent), Chinese(fluent), Japanese(basic)