Lim Xin Wei | Mobile No.: 8368 6969 | Email: roylim0218@gmail.com

EDUCATION

Nanyang Technological University, Singapore   Aug 2022 - May 2026
Bachelor of Science in mathematics and computer science, CGPA: 4.43/5.00
- Expected Honours (Distinction), Current

University of Groningen, Netherlands   Sep 2024 - Jan 2025
Student Exchange Programme
- Enrolled in courses to enhance proficiency in statistical modelling, algorithm development, and data analysis techniques.

ACADEMIC PROJECT

Nanyang Technological University   Jan 2024 - May 2024
Software Engineering Project - Jiak! A mobile application
- Employed Agile methodologies throughout software development lifecycle.
- Utilised JavaScript for both front-end and back-end development, leverage frameworks such as React Native to ensure cross-platform compatibility and seamless user experiences.
- Implemented Expo for streamlined development and deployment processes, optimizing application performance and accessibility across various mobile devices.

Nanyang Technological University   Jan 2024 - May 2024
Data Analysis with Computer Project
- Conducted statistical analysis on a dataset from Kaggle using R programming language.
- Conducted tests including hypothesis testing, regression analysis, and ANOVA to extract meaningful insights and patterns from dataset, contributing to understanding of factors influencing employees salary.
- Processed raw data to visualize results through error reduction and statistical modelling.

Nanyang Technological University   Aug 2023 - Nov 2023
Object-Oriented Programming Project - Camp management system
- Designed and implemented a robust object-oriented architecture in Java to ensure modularity, reusability, and scalability of system.
- Utilised key OOP concepts such as encapsulation, inheritance, and polymorphism to model complex real-world entities and relationships within application.

CERTIFICATES

Google Data Analytics (Coursera)
- Applied data cleaning and analysis on excel spread sheets.
- Visualised data using Tableau to design dashboards.
- Made queries using SQL

Google UX Design (Coursera)
- Applied design process: Empathise, ideate, building wireframes and prototypes, testing and iterating on design.
- Created UI mock-ups using Figma and Adobe XD

CO-CURRICULAR ACTIVITIES

Anytime Fitness   May 2023 - Present
Brand Ambassador
- Represented as a Brand Ambassador for Anytime Fitness fostering community engagement and promoting brand awareness both on and off-campus.
- Demonstrated exceptional interpersonal skills, enthusiasm, and passion for fitness and wellness, inspiring others to pursue health and fitness goals through active participation and positive reinforcement.

SKILLS

Languages: Proficient in English and Chinese, conversant in Cantonese
Digital Skills: C, C++, Python, R, Java, JavaScript