

Ma Joon Yu, Tristan

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📍 Shah Alam, Selangor, Malaysia

🌐 <https://github.com/Tristan-Clue>

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Language

- ☐ C
- ☐ C++
- ☐ Python
- ☐ Shell
- ☐ Bash
- ☐ HTML / CSS
- ☐ JS

Tools and Platform

- ☐ VS Code
- ☐ NeoVim / Vim
- ☐ Docker
- ☐ FastAPI

Skills

- ☐ Problem Solving
- ☐ Collaboration
- ☐ Communication
- ☐ Working Under Pressure
- ☐ Critical Thinking

Computer Science student at 42 Kuala Lumpur, 42 Malaysia, pursuing a Certificate in Competency in Computer Science. Bringing a diverse professional background in customer service, event coordination, and bookkeeping, I have developed strong communication, organisational, and problem-solving skills. My experience working in dynamic environments has strengthened my ability to adapt quickly, collaborate effectively, and remain composed under pressure. Driven by curiosity and continuous learning, I am eager to leverage my technical training and transferable skills to contribute meaningfully in a technology-focused role.

Experience

- RSM Music Academy**

PJ, Selangor

Sales/Operation Executive

Jul 2024 - Dec 2024

 - Collaborated with management during the launch of a new music school, contributing to pricing, operational workflows, scheduling, and instructor planning.
- Music Forest Academy**

Shah Alam, Selangor

Adminstration

Sept 2023 - Dec 2023

 - Managed student-teacher schedule according to respective parties.
 - Upkeeping with centre facilities and providing assistance to the teachers whenever needed.
- Impian Tiling Sdn Bhd**

Klang, Selangor

Sales/Operation Executive

Jan 2022 - Jun 2023

 - Maintained accurate inventory records through daily stock movement tracking and data entry.
 - Consulted with customers to recommend appropriate products based on project requirements and budgets.
 - Interpreted construction drawings and assisted in preparing Bills of Quantities (BOQs) for material estimation and project planning.
- ABRSM**

Malaysia

Regional Events Executive

Jul 2019 - Aug 2021

 - Provided logistical and administrative support to the Event Coordinator in various location and events.
 - Assisted in transition of physical events to virtual platforms during the Covid-19 pandemic by coordinating logistics, customer communications, and event operations.
- Lutheran Church in Malaysia**

PJ, Selangor

Account Clerk

Jun 2018 - Jun 2019

 - Maintained daily book-keeping and provide assistance for audit.
- Adastra IP**

Bangsar, KL

Intern / Frontdesk Reception

Oct 2017 - May 2018

 - Assisted in various tasks across departments like book-keeping, data entry, and market research.

Education

42 Kuala Lumpur, 42 Malaysia

Competency in Computer Science

Computer Science

Selangor, Malaysia • May 2025 - Current

42 Malaysia is a fully-sponsored computer science school in Malaysia, established as a nation-building initiative by Sunway Education and Khazanah Nasional Berhad.

Projects

Resume Skill Gap Analyzer

- Built a platform that analyzes a user's resume against current job market requirements to identify missing skill, measure job-fit compatibility, and provide personalized recommendations for improving employability.
- Utilized ETL (Extract, Transform, Load) pipeline for data processing and normalization for downstream analysis.
- Integrated LLM to extract and categorize using data from the pipeline, performing high-level analysis and comparisons, presenting a formatted output.
- Developed a containerized web application with FastAPI, REST APIs, and multi-container deployment using Docker Compose.

Explainable AI-Assisted Medical Misinformation Advisory System

- Architected an end-to-end medical misinformation advisory system integrating machine learning, explainable AI, backend APIs, frontend dashboard, and local LLM inference.

Minishell

- Collaborated in the design and development of a miniature command-line interpreter based on Bash.
- Architected the flow of information from the user input and segregation of information throughout the process.

Volunteer

Sunway FutureX DI Sdn Bhd

July 2025 - Current

AI Digital Literacy Wokshop (Sunway & Monash)

- Provided support and assisted students throughout the programme with guidance and debugging.
- Reviewed and formulated solutions to students in creating their application.

42 Malaysia

Aug 2026

42 Malaysia x Larian Studios - Gauntlet Mini 2026

- Provided assistance in curriculum testing for training.
- Facilitate and support the candidates during training period.

Extracurricular Activities

KYouth

June 2026

- Learned ETL-Pipelines, AI Integration, Dockerization and Deployment of micro-service architecture.
- Developed a full-stack resume skill gap analyzer, extracting and analyzes the current trending skills from job listings and finding the gaps with one's resume.
- Designed an Explainable AI-Assisted Medical Misinformation Advisory System, which analyzes and provides an explainable reasoning for an AI verification on medical news.

Hacklab 2.0 Hackathon

January 2026

- Collaborated to build a qualitative market surveillance assistant to obtain market sentiment through annual reports.