



Loh Min Yu

BACHELOR OF INFORMATION TECHNOLOGY

PROJECTS

JiuXi Mindscape — AI Conversation Service

HTML, CSS, JavaScript, iFLYTEK ASR/TTS

A voice-enabled AI concierge Single Page Application (SPA) for cultural tourism. Working; Integrated iFLYTEK WebSocket services for high-fidelity speech-to-text and text-to-speech, and connected LLM REST endpoints using a simplified Retrieval-Augmented Generation (RAG) pipeline.

Colorella Ticketing System

Python 3.10+, Tkinter, Google Sheets API (gspread, oauth2client), pandas

A lightweight desktop application to manage event ticketing and attendance. Working; Developed a Python/Tkinter tool with background threading and integrated the Google Sheets API to synchronize registrations and track payments.

ReMind — Mobile Relationship Manager

Ionic, Angular, Capacitor, SQLite, Ionic Storage

A privacy-focused, offline-first mobile application for tracking personal interactions. Working; Built the frontend using Ionic Framework and Angular, and engineered a local SQLite database for full CRUD operations. I acted as the project manager, managing project progress, goals, and writing the project management plan.

Telecom Customer Churn Prediction

Python, scikit-learn, Orange 3, pandas, Tkinter, joblib

A data mining project to forecast customer churn in the Malaysian telecommunications sector. Working; Performed Exploratory Data Analysis (EDA) and trained predictive machine learning models (Logistic Regression, Random Forest) using the Orange 3 tool.

** For more information, please visit <https://minyuoouo.github.io/>

EXTRA CURRICULAR ACTIVITIES

RUSRC: Successfully managed an RM 20,000+ budget for a major 350–400 person university festival, driving RM 10,000 in direct revenue and securing RM 12,000 in external sponsorships. (Raffles Colorella Event)

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Portfolio: minyuoouo.github.io/

ABOUT ME

IT (Honours) student at Raffles University specializing in software engineering, and AI. Combines analytical problem-solving with proven cross-functional leadership and bilingual (English/Chinese) proficiency to deliver impactful, user-centric software.

EDUCATION

Bachelor of Information Technology

Raffles University, Johor Bahru
2023 - Present (CGPA 3.66)

Treasurer, Student Representative Council
Nov 2024 - Dec 2025

Vice-President, Digital Technology Club
Dec 2024 - Oct 2025

CERTIFICATIONS

SPM, UEC, Micro-credential in AI,
Cisco Introduction to Cybersecurity, AutoCount
Computerized Accounting Course, Lesen DA

SKILLS

Programming Languages

Python, C++, PHP, Javascript,
Typescript, HTML, CSS, SQL

Framework & Libraries

Angular, Ionic, pandas, scikit-learn,
Tkinter, SFML

Tools

Git, Figma, Draw.io, CMake, Android
Studio, vscode

System Design

SDLC, ERD, DFD, Class Diagram,
Sequence Diagram

Databases

MySQL, SQLite, MariaDB

Language

Chinese (Excellence)
English (Normal)

REFERENCE

Prof. Dr Pong Hon Keat

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