

HANG XIU JUN

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EDUCATION

Asia Pacific University of Technology and Innovation
Bachelor's in Computer Science (Hons) Artificial Intelligence

Bukit Jalil, KL
Graduating July 2027

Asia Pacific University of Technology and Innovation
Foundation in Computing
Vice Chancellor's Academic Excellence Award

Bukit Jalil, KL
July 2023 – July 2024

SMK Convent (M) Kajang
Sijil Pelajaran Malaysia (SPM)
Academic Excellence in STEM Award (9As)

Kajang, Selangor
Graduated March 2023

LEADERSHIP AND EXTRACURRICULAR

Head Secretary
Karting Club

Kajang, Selangor
August 2025 – Present

- Managed budgeting and financial planning for a club of over 150 members, ensuring transparent and accurate fund allocation.
- Maintained organized financial records, tracked expenses, and supported cost management for club events and activities.
- Assisted with sponsorship proposals and funding coordination to sustain club operations.
- Strengthened financial accountability and teamwork within a large, fast-paced student club.

Head Secretary
Prefectorial Board

Kajang, Selangor
April 2022 – March 2023

- Led the secretarial division of a 150-member student prefect board, acting as the liaison between prefects and school leadership.
- Managed key administrative responsibilities including meeting agendas, minutes, attendance records, duty rosters, and official documentation.
- Coordinated prefect meetings, leadership training sessions, and school-wide events to ensure smooth and timely execution.
- Supported disciplinary operations through report preparation and scheduling duties for junior prefects, strengthening accountability and team coordination.

Head Secretary
English Language Club

Kajang, Selangor
2022 – 2023

- Coordinated all club communications and maintained structured records of meetings, plans, and attendance.
- Worked with the president and advisor to plan events like English Week, debates, and writing workshops.
- Contributed to proposals, schedules, and reports for smooth execution of school-wide and inter-school activities.
- Boosted member engagement through timely updates and well-organized internal communication.
- Developed strong organizational, writing, and teamwork skills in a creative, student-led environment.

PROJECTS

APU Medical Centre Appointment System - Java | OOP | GUI (Swing) | File-Based Storage

Klang Valley
July 2025 - September 2025

- Developed customer-side features for a medical appointment system, including profile management, appointment tracking, and consultation history viewing.
- Implemented appointment status monitoring and feedback/comment submission for staff and doctors.
- Built file-based data storage with input validation to ensure reliable handling of customer records and interactions.
- Supported system testing and documentation to ensure functional correctness and usability.

Flight Delay Analysis - R | Data Exploration | Statistical Modelling

Klang Valley
Sep 2024 - Nov 2024

- Conducted exploratory data analysis to evaluate the impact of weather delays on flight arrival delays.
- Built correlation and regression models to measure weather delay as a predictor compared with other delay factors.
- Analysed seasonal, monthly, and geographic patterns to identify periods and regions most affected by weather-related disruptions.
- Compared delay distributions between weather-impacted and non-weather flights to understand overall delay behaviour.

- Developed a C# Windows Forms application with role-based access and dynamic login redirection for five user types.
- Designed and implemented a SQL Server database supporting validated workflows for orders, reservations, menus, and users.
- Built core modules including ordering, payments, reservations, inventory, feedback, and real-time status updates.
- Applied object-oriented and modular design principles to support system scalability and maintainability.

- Designed and developed a Python-based library system with role-based access for administrators, librarians, and users.
- Implemented core business logic including overdue tracking, role-based fine calculation, and borrowing limit enforcement.
- Built secure user onboarding with ID validation and duplicate checks to maintain data integrity and prevent unauthorized entries.
- Developed a custom file-based persistence layer for reliable data storage without reliance on an external database.
- Applied clean code and modular design principles to ensure maintainability and support future extensions.

- Actively represented the school in various inter-school and inter-state competitions, including public speaking contests, debate tournaments, and Scrabble championships.
- Recognized for strong articulation, critical thinking, and persuasive delivery in high-pressure environments.
- Developed strategic thinking and adaptability through real-time argument construction and gameplay planning.
- Strengthened English fluency, confidence, and analytical reasoning which are skills transferable to academic presentations, teamwork, and AI-related problem-solving.