

ANDREW LIM KIM SHENG

SIBU SARAWAK, MALAYSIA | HP: +6011-1054-8887 | ksldrew0822@gmail.com

EDUCATION

SMK CHUNG HUA, SIBU
SPM

Sibu, Sarawak
2014-2018

UNIVERSITY TECHNOLOGY SARAWAK
Foundation In Arts
Emphasis on Computer Science, Accounting, and Statistics
Relevant Coursework: Introduction to Finance, Principle of Accounting; Introduction to Computer & Applications.
Introduction to Statistics

UNIVERSITY TECHNOLOGY SARAWAK
Bachelor of Computer Science
Focus Areas: Software Engineering, AI & Machine Learning, and Data Science
Relevant Coursework: Software Engineering; Operating Systems; Algorithm and Design Complexity; Artificial Intelligence, Data Mining, Machine Learning, Computer Vision and Image Processing

WORK EXPERIENCE

THE BLACK WHALE SUNWAY GIZA MALL & SS15
Barista & Server
Sibu, Sarawak
2020

- Operated stock levels and replenishment, ensuring zero downtime for beverage preparation and reducing last-minute shortages by 30%.
- Coordinated both kitchen and front bar operations, ensuring efficient drink preparation, food assembly, and fulfillment of 50+ customer orders per shift.
- Demonstrated strong multitasking skills by balancing food preparation, order-taking, and inventory restocking, maintaining 95% on-time order completion in a fast-paced environment with minimal supervision.

CHAN SHEN MEAT MARKET SDN.BHD
Marketing Coordinator (Part Time)
Sibu, Sarawak
2023

- Designed 10+ marketing posters and visual content to boost brand awareness across physical and digital platforms
- Planned and executed 2 promotional activities, contributing to increased customer engagement and product visibility
- Collaborated directly with the CEO to develop pricing strategies aligned with company goals and market trends
- Launch of a mobile customer membership app, enabling the company to apply targeted marketing strategies and increasing sales within 3 months

CARING PHARMACY SDN.BHD
Pharmacy Sales Assistant (Part Time)
Sibu, Sarawak
2024

- Promoted healthcare and wellness products by explaining benefits and suitability to customers, improving their purchase confidence
- Acquired detailed knowledge of over 40+ product categories, supporting accurate and personalized health recommendations under pharmacist supervision.
- Applied real-world insights from customer health needs to refine the **Fuzzy Inference System (FIS)** model for heart disease prediction in university research

UNIVERSITY PROJECTS

MEDICATION REMINDER SYSTEM USING DECISION TREE ALGORITHM

2024

- Developed a machine learning model using the Decision Tree algorithm to classify whether a medication reminder should be triggered based on input factors 3 features (example input are time, dosage time, next dose)
- Focused on binary 2 decision output (remind vs. no remind) to support timely and personalized medication adherence for users

HEART DISEASE PREDICTION USING FUZZY INFERENCE SYSTEM(FIS) - FYP

2025

- Built a Takagi-Sugeno-Kang (TSK) Fuzzy Inference System using 4 features to assess heart disease risk like BMI, cholesterol, systolic blood pressure, and age
- Applied fuzzy logic to manage imprecise medical data and improve model interpretability in health risk prediction, producing two possible outputs: “less risk” or “more risk.”

ACTIVITIES

TOASTMASTERS CLUB SUGNATURE EVENT: WEIHNACHTSMARKT (CHRISTMAS MARKET) Sibu, Sarawak

Operations Committee Member - Campus 2023

- Supervised event setup and operational coordination to ensure smooth execution and consistent audience engagement during the internal campus event

IEEE E-BIKE RESEARCH PROJECT

Sibu, Sarawak

Software Development Team Member Participant - Campus 2024

- Designed an interactive cycling game using Unity to simulate pedal-powered movement with visual effect
- Collaborated with team members to integrate hardware-software interaction for real-time user experience

CODEFUSION AI HACKATHON 2025

Sibu, Sarawak

Participant – AI Track - Campus 2025

- Applied traditional machine learning (Fuzzy Inference System) to predict rainfall probability **with** an accuracy of 85% using online source data
- Initiated ongoing research to expand the model for potential flood prediction applications

ADDITIONAL

Technical Skills: Basic Microsoft Word Skill, Canva Design, SQL, XAML, C#, HTML, CSS; Python

Languages: Fluent in Chinese, Conversational English & Malay

Certifications & Training: SPM, Foundation in Arts