

# 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

Sibu, Sarawak  
2021-2022

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

Sibu, Sarawak  
2022-2026

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) Sibü, 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

Sibü, 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

Sibü, 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