



# CHIEW CHENG YI

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Fresh Software Engineering graduate from Universiti Malaysia Sabah (UMS) with proven experience in full-stack development. Motivated by building clean, scalable systems and contributing to products that create real-world impact.

## WORK EXPERIENCE

### Blaze Tech Sdn. Bhd.

Mar. 2025 – Aug. 2025

#### Software Engineer Intern

Kota Kinabalu, Sabah

- Contributed 60+ code updates to the company's ACE platform through GitHub and Trello workflow.
- Developed the EzOpt Module, enabling client acquisition and transfer between corporate secretarial firms.
- Strengthened platform security by implementing session timeout handling and permission-based access control.
- Enhanced platform UX with pagination, file upload validation and email template standardisation.

## TECHNICAL PROJECTS

### UMS Student Academic Companion System (UMSSACS)

2024 – 2025

- Developed and deployed a web-based system to support UMS students in managing university life.
- Features a timetable builder, CGPA tracker, events and clubs finder, and study partners finder using ML.
- Technologies Used: Laravel, PHP, HTML, CSS, Bootstrap, JavaScript, MySQL, Python, DigitalOcean.

### JomDining

2024

- Collaborated in a team of four to build an Android-based Point of Sales system for restaurant operations.
- Oversaw backend development, database design, and integration with the frontend interface.
- Technologies Used: Kotlin, SQLite, Android Studio.

## AWARDS AND COMPETITIONS

### First Place, Borneo AI Hackathon

2025

- Produced **FoodXcel**, an AI-assisted FSSC 22000 compliance platform featuring OCR log capture, temperature monitoring, anomaly detection, digital signoffs and automated audit reports.

### Best Overall Award, TARUMT TechTrek: Innovators Pitch Challenge

2024

- Presented **JomHarvest**, an IoT farm-utilty platform with map zoning, remote control, analytics and weather cues to help Sabah farmers conserve resources.

### Technical Solution Award, MYStartup X Elevate 30-Hour Challenge

2023

- Created **JomGarden**, an IoT-based home gardening system with live monitoring and remote control.

## EDUCATION

### Universiti Malaysia Sabah

2021 – 2025

#### Bachelor of Computer Science with Honours (Software Engineering)

Kota Kinabalu, Sabah

- CGPA: 3.88**; Dean's List student (eight consecutive semesters)
- Key Subjects:** Object-Oriented Programming, Data Structures and Algorithms, Web Engineering, UI/UX Design, Software Design, Mobile Apps Development, Database Management, Software Testing

## SKILLS

**Programming Languages:** HTML, CSS, JavaScript, PHP, Python, Java, Kotlin, C, C++

**Frameworks and Tools:** Laravel, Bootstrap, WordPress, Jupyter Notebook

**Database, Server and Deployment:** MySQL, SQLite, Apache, XAMPP, DigitalOcean, Git, GitHub, Trello

**Design and Productivity:** DaVinci Resolve, Canva, Figma, MS Office, Google Workspace

**Spoken Languages:** English (fluent), Bahasa Malaysia (fluent), Mandarin (proficient)

**Soft Skills:** Leadership, teamwork, problem-solving, presentation skills, adaptability, time management

## EXTRACURRICULARS

**Logistics Team Member**, SMK Tamparuli E-Community Outreach Project (2024)

**Panel Speaker**, STPM Excellence Trail Program, SM All Saints (2022)