

Austin Chung Khai Rui

Software Developer



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📍 Kuching, Malaysia

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👤 Profile

Passionate software developer with strong problem-solving skills and a keen interest in learning new technologies. Highly adaptable and eager to take on challenges, with hands-on experience in IoT, web, and AI-based projects developed through teamwork and self-initiative.

🌐 Languages

Chinese

Native

English

Proficient

Malay

Basic

🎓 Education

09/2022 – 06/2025

Bachelor of Computer Science

Swinburne University of Technology Sarawak ↗

Major: Software Development | **Minor:** Big Data Analytics

CGPA: 3.95 / 4.00

09/2021 – 07/2022

Foundation in Information Technology

Swinburne University of Technology Sarawak ↗

CGPA: 3.93 / 4.00

01/2016 – 12/2020

Sijil Pelajaran Malaysia (SPM)

SMK Sungai Maong

Grade: 1A+, 2A, 4A-, 2B+

📁 Projects

Key Projects & Technical Work

- Customer Support System (Integration of WhatsApp, Facebook Messenger to a web application)
 - Implemented analytics dashboards, user and team management modules, and chat history functionality for the Customer Support System
 - Designed a reusable, dynamic table component supporting multi-select, search, filtering, pagination, detail expansion, and data export in multiple formats
- Park Guide Learning Management System ↗
 - Built a web application enabling users to create and edit modules, questions, and access an analytics dashboard
 - Developed a mobile app for users to take exams, apply for licenses, and access learning modules, with tutor functionality for grading
- Smart Home System (IoT) ↗
 - Developed an automated fan system that activates based on proximity, temperature, and light intensity
 - Integrated Arduino and Raspberry Pi for real-time data collection and remote monitoring via a web dashboard
 - Connected the system with a Discord bot and AI model for remote control through server commands

Other Projects

- Smart Fan System (IoT) ↗
- Mobile Forum Application (Android)
- Circle Clicker (C#)
- Pokemon Survivor (C++) ↗
- Human Emotion Recognition Model (Python, CNN) ↗
- Credit Risk Prediction Model (Python) ↗
- Real Time Malaysian Car Plate Detection System (CRNN, Yolo, Retinex) ↗

Skills

Coding Languages & Frameworks

Python, C, C++, C#, HTML, CSS, PHP, JavaScript, Java, Kotlin, SQL,
Laravel, React JS, React Native, Tailwind CSS

Technical Skills

Git, Object Oriented Programming, Data Structures and Patterns, Database Design, Data Science, AWS (EC2, RDS, S3), IoT systems (Arduino, Raspberry Pi, simple wiring and coding), Artificial Intelligence, Predictive Models

Digital Skills

Microsoft 365 Applications (Word, Excel, PowerPoint, etc.),
BI Tools (Power BI, Tableau),
Prototyping & UI / UX Designing Tools (Figma, Adobe XD, Draw.io)
Adobe Creative Design Tools (Photoshop & Illustrator)

Experience & Community Services

04/2017 – 04/2020

First Aider

St. John Ambulance Sarawak

- Volunteer for charity run and sports competitions
- Person in charge of St. John Ambulance of SMK Sungai Maong for the Cheshire Home Charity Sale (Jul 2019), leading a team of 10

Awards

10/2025

Year 1 – Year 3 Six-Time Dean's List Recipient for All Semesters

Outstanding Performance in the Bachelor of Computer Science
NEUON AI Sdn Bhd

Top Scorer of Computing Technology Innovation Project

Top Scorer of Intelligent Systems

Top Scorer of IT Security

05/2025

Swinburne Faculty of Engineering and Computer Science Final Year Project 2025, Sem 1 'Best Group Award' Recipient
SOCOE Sdn Bhd

04/2025

Top Scorer of Software Engineering Project A

03/2024

Top Scorer of Data Structures and Patterns

08/2017

2017 Young Innovative Challenge Bronze Award Recipient