



CHRISTOPHER SII HOW CHIONG



Fresh Graduate

EDUCATION

Bachelor of Computer
Science with Honours
(Network Computing)

Universiti Malaysia Sarawak (UNIMAS)
Oct 2019 – Aug 2023
CGPA: 3.66 (current)

SKILLS

- Network Equipment Configuration
- Database Management System
- IoT Development
- Mobile App Development
- Web Development
- Driver's License: Class D
- Programming languages:
C, C++, C#, SQL, Java, Python,
Dart, PHP, HTML, CSS, and
JavaScript.

LANGUAGES

- Mandarin (Native)
- Bahasa Melayu (Native)
- Kenyah (Native)
- English (Proficient)

CERTIFICATION

- Huawei: (HCNA)HCIA-Datacom
Cert ID: 010103901808854571409
- Huawei: HMS Foundation
Course Exam
- Coursera: Java for Android
- Coursera: System Administration
and IT Infrastructure Services
- SAINS: Cyber Security in 60 Minutes

REFERENCES

Dr Lau Sei Ping (FYP Supervisor)
Faculty of Computer Science and
Information Technology (FCSIT),
Universiti Malaysia Sarawak (UNIMAS)
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📍 Miri, Sarawak. (Willing to Relocate)

ABOUT ME

Graduate in the end of July with a Bachelor's in Network Computing, and certified in Huawei HCIA Datacom. Skill set includes network configuration, system troubleshooting, and diverse programming languages. Hands-on experience with IoT, mobile app development, and problem-solving. Aim to contribute to the success of your team by leveraging my comprehensive understanding of networking and diverse programming languages.

WORK EXPERIENCE

Network Engineer Trainee (Internship)

Sarawak Information Systems Sdn. Bhd. Feb – Aug 2022

- Supported 3 projects implementation, including site survey, delivery, hardware and software component installation and configuration, testing, and commissioning.
- Provided guidance to users on the operation of newly set up systems.
- Provided technical support services including problem checking, analyzing, troubleshooting, and hardware replacement or repair.
- Traveled to 6 client sites, including 5 remote areas (Lubok Antu, Selangau, Dalat, Daro, and Matu in Sarawak) to provide WAN migrations and WAP deployments.
- Operated and maintained SarawakNet networks to optimize performance.
- Utilized Microsoft Visio for drawing floor plans and network diagrams.

IT PROJECT

Android App: Flash Flood Observer (Final Year Project)

Universiti Malaysia Sarawak (UNIMAS) 2022 – 2023

- Created an Android application using Dart and Syncfusion's Flutter charts for frontend data visualization and user interface.
- Developed a real-time flood monitoring system using ESP32, collecting and analyzing data on water levels, rainfall, temperature, and humidity.
- Implemented various technologies such as Arduino C++, Dart, PHP, Python, and the Vonage API for system development and SMS notifications.
- Sent data to a PHP server (Heroku) via HTTP Post for backend processing.
- Successfully developed an innovative solution addressing a real-world problem, thereby enhancing my problem-solving skills and understanding of applied technology.

Web: Meeting Room Booking and Management System

Universiti Malaysia Sarawak (UNIMAS) 2021

- Created a web application supporting features like user account registration and management, and admin control over CRUD operations.
- Collaborated with a team to develop a Meeting Room Booking and Management System from scratch using HTML, CSS, JavaScript, and PHP, and managed the database with MySQL.
- Performed thorough system testing and debugging, ensuring optimal functionality and user experience.

ACHIEVEMENT & PARTICIPATION

Kejohanan Sukan Mahasiswa Unimas (KESUMAS) 2022
Universiti Malaysia Sarawak (UNIMAS)

- Represented my faculty in the Basketball tournament and secured a bronze medal.

Vice president of Cempaka College Basketball Club 2019
Universiti Malaysia Sarawak (UNIMAS)

- Co-managed a basketball club of 15 members.
- Organized training sessions, enhancing team performance.
- Led logistics for multiple tournaments, and facilitated weekly meetings.