CHRISTOPHER SII HOW CHIONG

Fresh Graduate

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EDUCATION

Bachelor of Computer Science with Honours (Network Computing)
Universiti Malaysia Sarawak
Oct 2019 - Aug 2023 (ongoing)
CGPA: 3.66 (current)

SKILLS

- Network Equipment Configuration
- Database Management Systems
- 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)
- Kenyah   (Native)
- English   (Intermediate)
- Bahasa Melayu (Intermediate)

CERTIFICATION

- Huawei: HCIA-Datacom
- Huawei: HMS Foundation Course Exam
- Coursera: System Administration and IT Infrastructure Services
- Coursera: Java for Android

ABOUT ME

As a highly motivated and diligent final-year student pursuing a Bachelor of Computer Science with Honours (Network Computing) and holding a Huawei HCIA Datacom certification, I am actively seeking a challenging role where I can leverage my technical skills and contribute to team success. My goal is to enhance the success of your team by applying my comprehensive understanding of networking and proficiency in diverse programming languages.

WORK EXPERIENCE

Network Engineer Trainee (Internship)   Feb - Aug 2022
Sarawak Information Systems Sdn. Bhd. (SAINS)

- 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

Flash Flood Observer (Final Year Project)   2022 - 2023
Universiti Malaysia Sarawak (UNIMAS)

- Developed a real-time flood monitoring system using ESP32 (TTGO T-call), collecting and analyzing data on water levels, rainfall, temperature, and humidity.
- Created an Android application using Dart and Syncfusion's Flutter charts for frontend data visualization and user interface.
- 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.

ACHIEVEMENT

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

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

REFERENCES

Dr Lau Sei Ping (FYP Supervisor)

Faculty of Computer Science and Information Technology
Universiti Malaysia Sarawak (UNIMAS)
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