



Khor Ze Yi

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“Programming languages are just tools—our true power lies in the logic we craft.”

Software engineer with a strong foundation in **Python**, **Java**, **PHP**, **JavaScript**, and **SQL**. Skilled in Full Stack Development, with a focus on AI and machine learning projects. Passionate about creating efficient, scalable solutions and continuously learning new technologies. Open to challenging opportunities in dynamic and collaborative environments.

Education

BSc (Hons) in Multimedia Computing from YPC International College September 2021 - September 2024
CGPA: 3.82/4.0

Achievements: First Class Honor (CGPA > 3.8), Top 17 Finalist Final Year Project

Professional Experience

Software Engineer Intern – MessengerCo September 2024 – January 2025

Contribution

- Re-design and re-build new official website with WordPress. ([View Website](#))
- Developed PHP-based AI-powered platform using Laravel Livewire and Lunar, improving user experience and increasing engagement by 15%. ([Experience Platform](#))
- Utilized Python for AI development, improve the loading time for smart gifting platform by 15%.
- Deployed platforms on DigitalOcean & AWS, ensuring 24/7 uptime and enabling scalability to handle 1,000 concurrent users.

Relevant Academic Coursework

Face Recognition Attendance System ([View Project](#))

- **Technologies Used:** Python, TensorFlow, SQL, Git, Django, OpenCV
- **Overview:** Developed an advanced face recognition attendance system that achieves a 95% accuracy rate, leveraging machine learning and computer vision technologies.
- **Project Highlight:**
 - **Leadership & Management:** Independently led and managed the project over the course of one year using **Agile-SCRUM methodology**
 - **Technical Implementation:** Independently designed **SQL** database structures and optimized the back-end processing with **Django**, enhancing system efficiency.
 - **Machine Learning Proficiency:** Expertly trained a TensorFlow-based machine learning model to detect face, detect face liveness and recognize faces accurately.
 - **Automation & Reporting:** Developed automated processes for handling large datasets and generating detailed attendance reports, significantly improve administrative efficiency.

Skills

Python – Expert Level



PHP – Expert Level



JavaScript – Advanced Level



Java – Expert Level



SQL – Expert Level



Machine Learning – Advanced Level

