



# 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

