Khor Ze Yi

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Motivated programming enthusiast skilled in **Python**, **Java, PHP** and **SQL**. Willing to learn new programming languages to expand my programming skills. Seeking an opportunity to contribute to innovative solutions while gaining hands-on experience in a dynamic and collaborative environment.

**Education**

BSc (Hons) in Multimedia Computing from YPC International College September 2021 - September 2024

**CGPA**: 3.8/4.0

**Achievements**: First Class Honor (CGPA > 3.8), Top 17 Finalist Final Year Project, Finalist Virtual Student Exchange Program with Liverpool John Moore University

**Relevant Academic Coursework**

**Face Recognition Attendance System** ( [View Project](https://kzy020821.github.io/projects.html#face) )

* **Technologies Used**: Python, TensorFlow (Machine Learning), SQL, Git, Django, OpenCV (Computer Vision)
* **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**, overseeing all phases of the software development lifecycle.
  + **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, leading to significant improvements in administrative efficiency.

**Java Business Intelligence Dashboard Software** ( [View Project](https://kzy020821.github.io/projects.html#JavaFX) )

* **Technologies Used**: Java, JavaFX, CSS, Git
* **Description:** This project is a BI Dashboard software developed for business to extract data from JSON file and display them in dashboard form to provide business insights.
* **Contribution**: This project is developed purely using Java, CSS to style the buttons, table, graph, etc. Moreover, my familiarity toward version control, Git also important as part of this project.

**Skills**

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| **Python | Django** – Expert Level  **SQL** – Expert Level  **Machine Learning** – Advanced Level | **Java** – Expert Level  **PHP | Laravel** – Expert Level  **GitHub | Version Control** – Advanced Level |