Edward Yose

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About Me

A fresh graduate with a Master's degree in Computer Science, I have a strong academic background and a passion for machine learning and artificial intelligence. My academic journey has provided me with a deep understanding of various aspects of computer science, complemented by hands-on experience in developing and implementing machine learning models to solve complex problems. I am driven by a genuine curiosity for exploring new ideas and a proactive approach to learning, ensuring I stay updated with the latest trends and technological advancements. I am eager to apply my knowledge and skills in artificial intelligence to make meaningful contributions from my education in computer science.

Education

Bina Nusantara University **September 2022 – Present**
Master of Computer Science — Current GPA: 3.87/4.00 *Jakarta*

Bina Nusantara University **September 2019 – September 2022**
Bachelor of Computer Science — GPA: 3.57/4.00 *Jakarta*

Relevant Coursework

- Artificial Intelligence
- Algorithms Analysis
- Computer Vision
- Natural Language Processing
- Data Structures
- Object Oriented Programming
- Database Management
- Data Visualization
- Problem Solving
- Critical Thinking
- Collaborative
- Adaptability

Experience

PT Saku Teknologi Solusindo **August 2021 - August 2022**
IT Solution *South Jakarta, Jakarta*

- Collaborated with stakeholders and developers to gather requirements and establish project objectives and deliverables.
- Led and managed end-to-end project life cycles, from stakeholder engagement and decision-making to successful development and deployment across Jabodetabek and Medan area on 40 outlets provided by the end product.
- Directly participated in Android app development and application design with native Java and Figma, contributing to the technical aspects of the project based on the importance of needs among the clients and their business values.
- Develop numerous features for user requirements including the business intelligence dashboard, resulting in improved productivity by 25% by developing dedicated features.

Projects

Low-Resolution Face Recognition Attendance System | *Python, C++, TensorFlow, TensorRT* **March 2023**

- Developed an automatic attendance system using Python with enhanced input images using GAN technology.
- Gather data, pre-process, fine-tune an existing pre-trained model, and evaluate the model for custom identification.
- Implemented Numerous Deployment models for Desktop and IoT devices like TensorRT and TensorFlow Lite Model.
- Implemented quantization optimizations for IoT devices to minimize inference time with a trade-off of slight accuracy.

Masked Face Recognition Attendance System | *Python, TensorFlow, Qt* **November 2022**

- Developed an automatic attendance system using Python with mask and non-mask classification with identity recognition.
- Gather data, pre-process, fine-tune an existing pre-trained model, and evaluate the model for custom identification.
- Implemented numerous deployment models for Desktop and IoT devices with TensorFlow Lite Model.
- Implemented Qt as a Visual Graphical User Interface based on Python and C++ programming languages.

Technical Skills

Languages: Python, SQL, Java, C, C++, Cypher, PySpark, Docker
Developer Tools: VSCode, PyCharm, IntelliJ, Google Cloud Platform, Android Studio, Jupyter, Anaconda
Technologies/Frameworks: Git, TensorFlow, PyTorch, TensorRT Engine, Tableau, Power BI, OpenCV, NTLK, VoTT