

MUHAMMAD FARHAN ADITAMA

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I am a fresh graduate of Electrical Engineering who is very enthusiastic about learning programming and technology. I have a very deep interest in the field of Artificial Intelligence and Frontend Website Development. I have completed various AI-related projects by implementing them into the websites or Embedded System that I created. I can easily adapt, learn quickly, innovate, and work well in both team and individual settings.

Work Experiences

Techad Technology - Remote

Mar 2023 - Present

Machine Learning Engineer Internship

Techad Technology is an educational institution that focuses on training and developing skills in the fields of IoT (Internet of Things) and AI (Artificial Intelligence). In addition, Techad also provides project consultation and project development services.

- Transformed several existing projects into a comprehensive material structure.
- Developed Face Mask Detection using the Flask library for deployment on a website, demonstrating proficiency in web development and integration.
- Created an object detection system using YOLO to accurately count objects and deployed it on a website using the Flask library.

Education Level

Universitas Dirgantara Marsekal Suryadarma - Jakarta

Sep 2018 - Mar 2023

Bachelor Degree in Electrical Engineering, 3.37/4.00

- The title of the thesis is "The facial recognition and verification system using transfer learning based on Raspberry PI".

Orbit Future Academy - Remote

Aug 2021 - Feb 2022

Certificate in Artificial Intelligence Gen Y, 3.85/4.00

- Collaborated with a team to develop a chatbot named "SMUIT" using Deep Learning. Achieving an impressive 87% accuracy rate, and successfully deploying it on a website using Heroku.

Bisa AI Academy - Remote

Feb 2022 - Jul 2022

Certificate in AI Hacker

- Created a project titled "Face Mask Detection Using CNN", which utilized the TensorFlow framework and deep learning with the CNN method & achieved a high accuracy rate, with a training accuracy of 98%.

Organisational Experience

Himpunan Mahasiswa Teknik Elektro

Sep 2019 - Sep 2020

Staff of Research and development Division

- Served as an MC for an Electrical Engineering training event, ensuring smooth and engaging proceedings for participants.
- Assisted as a teacher in internal workshop activities, providing guidance and support to fellow students in developing their skills.
- Acted as a committee member for the "Malam Keakraban" event, contributing to the planning and execution of a successful social gathering.

Skills, Achievements & Other Experience

- **Hard Skills:** Raspberry PI, Arduino, Python, TensorFlow, YOLO, HTML & CSS, Flask, JavaScript, C++, Face Recognition, Image Classification, Object Detection, Image Processing
- **Soft Skills:** Collaborative, Fast Learner, Well-adapted, Decision Making, Innovation
- **Language:** Indonesia (Native), English (Intermediate)
- **Projects:** Teachable Machine Website, Face Recognition & Face Mask Detection in Raspberry PI, Chatbot SMUIT, Object Detection & Counting in Website
- **Interest:** Artificial Intelligence (AI), Deep Learning, Machine Learning, Computer Vision, NLP, Data Science, Embedded System, Frontend Website
- **Certificate & Course:** Intermediate Python (Indonesia AI), Programmer (BNSP), Machine Learning with TensorFlow (Digitalent), Belajar Machine Learning untuk Pemula (Dicoding)