



MUHAMMAD FARHAN ADITAMA

AI ENGINEER

DETAILS

ADDRESS

Bekasi City, West Java

PHONE

+6285885515932

EMAIL

farhanaditwork14@gmail.com

GITHUB

github.com/Handit14

LINKEDIN

linkedin.com/in/farhanadit14

LANGUAGES

Bahasa Indonesia (Native)

English (Intermediate)

HARD SKILLS

Python

SQL

C++

JavaScript

Object Oriented Programming

Computer Vision

Image Processing

Deep Learning

Machine Learning

PySimpleGUI

TensorFlow

Raspberry PI

Arduino

SOFT SKILLS

Collaborative

Fast Learner

Decision Making

Well-adapted

Meticulous

Agile

PERSONAL PROFILE

I very interested in Artificial Intelligence especially Computer Vision domain. Many create a project with Deep Learning (Neural Network) like an Image Classification, Face Mask Detection, Face Recognition, Chatbot using TensorFlow Framework and I have some project using Machine Learning with tabular data. I have also made an AI system on a mini-computer or create a program for a microcontroller. I can also read and assemble electronic circuits for embedded system.

EDUCATIONAL HISTORY

UNIVERSITAS DIRGANTARA MARSEKAL SURYADARMA

Bachelor Degree in Electrical Engineering | Sep 2018 - Feb 2023

- Current GPA: 3.36
- The title of my thesis "Sistem Pengenalan dan Verifikasi Wajah Menggunakan Transfer Learning Berbasis Raspberry PI"

ORGANISATIONAL EXPERIENCE

Himpunan Mahasiswa Teknik Elektro (HMTE)

Staff of Department Research and Development | Sep 2019 - Sep 2020

- Become a MC at Electrical Engineering Training Event
- Become an Assistant Teacher in Internal Workshop activities
- Become a Committee at the "Malam Keakraban" Event

PROJECT

[Image Classification Website Based](#) (Link)

I created a project using the transfer learning model with MobileNetV3 using the TensorFlow.js framework. Accuracy results > 90%.

[Chatbot SMUIT](#) (Link)

SMUIT is Smart Recruitment, main goal is to help Human Resources to interview prospective employees. I created a project using Artificial Neural Network models with an accuracy is 86.3%.

[Face Mask Detection](#) (Link)

I created a project using Convolutional Neural Network models from scratch for image classification. The output is model can detect people who wear face mask or not with an accuracy is 96%.

[Face Recognition & Verification](#) (Link)

I created a AI system using Deep Learning with Transfer Learning for architecture model which is MobileNetV1 and Facenet with an accuracy 96%. The output this project is the model can recognize and verify a person's face if it does not match in the database.

COURSE / WORKSHOP

Machine Learning with TensorFlow

Digital Talent Scholarship | May 2022 - Aug 2022

Certified Independent Study by Kampus Merdeka (AI-HACKER)

BISA AI Academy | Feb 2022 - Jul 2022

Certified Independent Study by Kampus Merdeka (Artificial Intelligence Gen Y)

Orbit Future Academy | Aug 2021 - Feb 2022

AI for Future Workforce: Associate AI-Analyst

Digital Talent Scholarship | Oct 2021 - Nov 2021

Intermediate Python

Indonesia AI | Nov 2021 - Nov 2021

CERTIFICATION

[Belajar Machine Learning untuk Pemula](#)

Dicoding | ID Credential GRX5K908VZ0M

[Programmer](#)

BNSP | TIK.317.06367 2021

[Belajar Dasar Visualisasi Data](#)

Dicoding | ID Credentials QLZ91KVG9P5D

[Memulai Pemrograman Dengan Python](#)

Dicoding | ID Credentials L4PQ36MQQP01