CURRICULUM VITAE
Fadhil Umar Al Farouq

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www.linkedin.com/in/fadhil-u-bb7065140/ • github.com/Alfadhils •10 December 2002 • Male

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PROFESSIONAL SUMMARY

Summary : Aspiring data intelligence professional with expertise in big data analysis, data science, machine learning, AI development, and cloud computing. Dedicated to optimizing business processes through digital technologies. Internationally certified with a proven track record in delivering impactful solutions.

Technical Skills : Python, Javascript, SQL, R, Tableau, MATLAB, Git, Linux, GCP, AWS, Alibaba Cloud.

Language : Fluent in English with latest IELTS bandscore of 7.0.

Personal Website Portfolio : https://alfadhils.github.io/

Highlighted Projects : YOLOv8-CRNN Scene Text Recognition
Description A two-step approach for Scene Text Recognition. Utilizes YOLOv8 model for precise text detection, followed by CRNN for accurate text recognition of detected texts.
Relevant Links : https://github.com/Alfadhils/YOLOv8-CRNN-Scene-Text-Recognition

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EDUCATION

UNIVERSITY OF INDONESIA   Depok, West Java
Engineering, Electrical Engineering. **GPA : 3.67**   2020 – 2024
Thesis : Optimizing Long-Term Biomass Supply Chains: A Deep Learning and Mixed Integer Linear Programming Approach

STATE SENIOR HIGHSCHOOL 5 BEKASI   Bekasi, West Java
SAT Subject Test (Chemistry 720, Physics 800, Math Lv2 800)   2019 – 2020
GCE A Level (Mathematics A*, Physics A, Further Math A)

WORK EXPERIENCE

ANGUSTA SYSTEMS   Remote
Artificial Intelligence Engineer   Mar 2024 - Present
- Led the design, development, and implementation of AI capabilities for software product applications within the AI development team.
- Collaborated with software developers, product managers, and stakeholders to seamlessly integrate AI into existing end-to-end products.
- Conducted research to identify opportunities for enhancing and evaluating existing AI systems and processes.

PT. MITSUBISHI KRAMAYUDHA MOTORS AND MANUFACTURING   Bekasi, West Java
OEE Engineer Intern   Feb 2023 - Aug 2023
- Developed an OEE Monitoring Dashboard and Maintenance System utilizing SCADA system, resulted in OEE score increase from 53% to 65% in three months.
- Managed SQL Server databases using SSMS and develop a real-time data processing pipeline for seamless OEE calculation and performance analysis on two production lines.
- Designed 10+ interactive web dashboards and forms using ICONICS for comprehensive OEE monitoring, allowing real-time analysis, performance evaluation, data collection, planning adjustments, and troubleshooting for six loss categories.

TORCHE EDUCATION Remote
Cloud Engineer Intern Nov 2022 - Feb 2023
- Enhanced GCP cloud infrastructure for stability, scalability, and security in 4 months. Implemented dashboard and alert system for VM load and network traffic monitoring.
- Led research on Multi-cloud and SaaS infrastructure, influencing future company projects.
- Achieved certifications in Alibaba Cloud and GCP, showcasing cloud computing expertise.

LEADERSHIP & ACTIVITIES

IME FTUI 2024 Depok, West Java
Head Division of Academics and Profession Dec 2021 – Dec 2022
- Led a 20-member team to advocate the academic and postgraduate needs of 500+ electrical engineering students.
- Coordinated Academics and Profession efforts across 7 departments in the Faculty.
- Conducted 7 work programs and implemented 6 habits, including alumni sharing sessions and certification initiatives.

AWS ML/AI Scholarship, Udacity, 2023 Winter Cohort Remote
Awardee Oct 2023 – Des 2023
- Selected as one of 1000 participants worldwide through international selection process.
- Implemented Reinforcement Learning on an AWS DeepRacer cloud-based racing simulation, completing 3 laps in under time constraints.
- Develop a CLI application for dog breed classification using pre-trained models.
- Develop a CLI application to fine-tune a pre-trained Torchvision models for flower classification, complete with an inference.

PERSONAL CERTIFICATIONS

AWS/Udactiy | AI Programming With Python Nanodegree December 2023
Relevant links : https://github.com/Alfadhils/AI-Programming-With-Python-Nanodegree
Capstone Project : Use a Pre-trained Image Classifier to Identify Dog Breeds
Capstone Project : Create Your Own Image Classifier

Coursera | Google Data Analytics October 2023
Relevant links : https://github.com/Alfadhils/Google-Data-Analytics-Capstone-Project
Capstone Project : FitBit Customer Behaviour Analysis to Improve Marketing Strategy

Coursera | Google IT Automation with Python August 2023
Capstone Project : Automated Catalog Report System with E-mail Integration

Coursera | DeepLearning.AI Tensorflow Developer May 2023
Projects : Neural Network, Computer Vision, Time Series

Coursera | DeepLearning.AI Deep Learning Specialization April 2023
Relevant links : https://github.com/Alfadhils/Deep-Learning-Specialization-
Projects : Neural Network, Computer Vision, Large Language Model

Coursera | IBM Data Science Professional Certificate February 2023
Relevant links : https://github.com/Alfadhils/IBM-Data-Science-Capstone-Project
Capstone Project : SpaceX Falcon 9 Landing Success Prediction and Analysis