



ALFARABI MUZLI

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A graduated student from ITS, majoring in Informatics Engineering, open to any chances and opportunities. My area of interest revolves around Data. I'm an aspiring Data Analyst who has completed a scale-up skills bootcamp to overcome my disadvantages

Education Level

Institut Teknologi Sepuluh Nopember - Kota Surabaya

Aug 2019 - Aug 2023

Bachelor Degree in Informatics Engineering, 3.57/4.00

- Conducted a comprehensive analysis utilizing Long Short-Term Memory (LSTM) with an Attention Mechanism to forecast Photovoltaic Power generated from solar panels, meticulously identifying periods of unavailability and strategizing potential solutions to mitigate such occurrences, thereby ensuring continuous power supply reliability
- Utilized the VGG16 model in conjunction with hyperparameter tuning techniques to execute the Object Detection Computer Vision's Final Project, specifically focusing on the classification of flowers, culminating in a notable accuracy enhancement to 75%
- Created musical note using LSTM and GRU with Classical Music Sheets to satisfy the Undergraduate Thesis and documented them into a Paper for publication
- Engaged in a series of over five webinars aimed at enhancing personal character, honing valuable skills, and nurturing diverse interests, encompassing topics such as capacity building, basic mathematical techniques with Matlab, and participation in an esteemed International Photography Event.

SMA Negeri Unggul Kabupaten Aceh Selatan - Aceh Selatan

Jul 2016 - Apr 2019

Jurusan in IPA

- Designated as a member of the Student Council's Language Division, spearheaded the coordination and execution of over three distinct events, each meticulously crafted to foster cultural and linguistic appreciation among the student body
- Successfully coordinated the planning and execution of the "Smart on Brilliant" event, encompassing both academic and non-academic activities, across the regions of West to South Aceh, culminating in the enthusiastic participation of over 100 attendees
- Undertook comprehensive training and actively participated as a member of the English Debate team, honing critical thinking skills, fostering effective communication abilities, and mastering the art of persuasive argumentation within competitive debate forums

Work Experiences

Kantor Pelayanan Pajak Pratama Mulyorejo - Surabaya

Dec 2022 - Jan 2023

Web Developer

- Directed the development of two advanced web applications for Archiving Data and Monitoring Reports, overseeing the incorporation of essential functionalities to drive workflow efficiency up by 70%
- Through strategic implementation of a robust data entry system tailored to streamline the archival process, the facilitation of efficient handling of over 200 records on a daily basis culminated in a notable reduction of work hours to a mere 5 hours

Organisational Experience

ITS Student Choir - Kota Surabaya

Sep 2019 - Jan 2021

Member

- Organized and coordinated a captivating open Choir Concert titled "Un Inizio," meticulously curating every aspect from venue selection and scheduling to repertoire choice and publicity efforts, culminating in a memorable event that resonated deeply with audiences
- Assumed the role of temporary Permits Staff during concerts, shouldering the comprehensive responsibility of managing a diverse array of permits, ranging from building permits essential for venue setup to parking permits crucial for ensuring smooth logistical operations throughout the event duration

Skills, Achievements & Other Experience

- **TETRIS Program Batch 4 (2024):** ETL using Pentaho, SQL using DBeaver, Data Deduplication using LINKR, Python using Google Collaboration,
- **Hard Skills:** Streamlit, Altair, Pandas, Numpy, Matplotlib, SQL, ETL
- **Soft Skills:** Data Storytelling, Public Speaking, Teamwork, Flexibility
- **Interest:** Data Analyst, Artificial Intelligence, Machine Learning