

AGUS ABDUL RAHMAN

Tech & Data Enthusiast

I am recent graduate electrical engineering. I have gained expertise in machine learning and data scientist through academic projects and internships. I am a reliable person who is good at time management. I am energetic and eager to learn new skills. Hardworking, honest and adaptable.

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WORK EXPERIENCE

Project Base Intern Data Scientist

Home Credit | Jakarta, Indonesia

• Completing diverse tasks associated with the role of a Data Scientist at Home Credit Indonesia, which include conducting **Data Analysis**, implementing **Machine Learning** techniques, and demonstrating **Business Acumen**.

Data Scientist Intern

LetsGrowMore | Jakarta, Indonesia

01/2023 - 02/2023

09/2022 - 10/2022

02/2023 - 03/2023

- Conducted data cleaning and pre-processing to prepare the data for analysis, **resulting in a 15% increase in data accuracy**.
- **Developed predictive models** using machine learning algorithms such as Random Forest and Gradient Boosting, achieving an average test accuracy of 89%.

Project Base Intern Data Engineer

BTPN Syariah | Jakarta, Indonesia

- Successfully completed a range of tasks related to my role, including proficiency in **TSQL**, data modeling, ERD diagramming, and data visualization.
- My expertise in these areas allows me to efficiently manage and **manipulate data**, ensuring the optimal performance of our systems.

EDUCTION

BS in Electrical Engineering

Universitas Garut | Garut, Indonesia

- Concentration in Computer Engineering & GPA 3.48 / 4.0
 Awardee Scholarship BARISTA Talent Research and Innovation Research Support | BRIN – August 2022
- Relevant Coursework: Artificial Intelligence, System Mobile, Digital Image Processing, Advanced Computer Vision

Data Business Analysis & Operation Bootcamp

Rungguru | Jakarta, Indonesia

02/2022 -07/2022

09/2018 - 10/2022

- Completed the program study independent Kampus Merdeka with final grade 3.75 out of 4.0
- Intensive 6 Month of Data Business Analysis course studying Business, Statistic, SQL, Python, Project management Tech, Communication & Presentation Skill and Data Visualization.

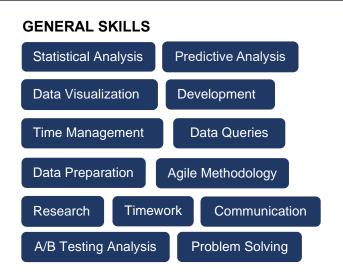
PORTOPOLIO PROJECT

ML Facial Recognition to detect mood and suggest song accordingly 02/2023 - 03/2023

- Normalized, resized, and converted images to grayscale in batches of 64 using Keras API's 'ImageDataGenerator'.
- Trained emotion recognition model on FER 2013 dataset with 66% accuracy.

Customer Segmentation Analysis and Product Recommender System 12/2022 - 12/2022

- Utilized the RFM approach to segment customers and constructed a Product Recommendation System to provide tailored suggestions.
- RFM analysis with 5x5x5 dimensions, algorithm K-Means used to perform segmentation Gaussian method. [Repository]



TECHNICAL SKILLS

Database / Server: MySQL, PostgreSQL

Programming: Python (NumPy, Pandas, Scikit-learn), SQL, R, JavaScript, HTML

Software/ Tools: Tableau, GCP, Power BI

ORGANIZATION

- Head of Unit Electrical Creativity Development (UKM) | Universitas Garut
- Member of the Islamic Student
 Association (HMI) | Universitas Garut

CERTIFICATES

- Software Engineering Specialization
 by The Hongkong University of Science
 and Technology | <u>Coursera</u>
- Building Cloud Computing Solution
 at Scale by Duke University | Coursera
- Data Engineering, Big Data, and Machine Learning on GCP by Google Cloud | <u>Coursera</u>

LANGUAGE

- Indonesia Native
- English Intermediate

INTERESTS

