



# 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

02/2023 - 03/2023

- 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

- 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

09/2022 - 10/2022

- 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.

## EDUCATION

### BS in Electrical Engineering

Universitas Garut | Garut, Indonesia

09/2018 - 10/2022

- 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

- 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.

## PORTFOLIO 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](#)]

## GENERAL SKILLS

Statistical Analysis

Predictive Analysis

Data Visualization

Development

Time Management

Data Queries

Data Preparation

Agile Methodology

Research

Timework

Communication

A/B Testing Analysis

Problem Solving

## 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 | [Coursera](#)
- **Building Cloud Computing Solution at Scale** by Duke University | [Coursera](#)
- **Data Engineering, Big Data, and Machine Learning on GCP** by Google Cloud | [Coursera](#)

## LANGUAGE

- Indonesia - Native
- English - Intermediate

## INTERESTS

Machine Learning

Artificial Intelligence

Renewable Energy

Computer Vision