

Hanifan Rizki Nurahman

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Objective

An enthusiastic individual who is tenacious in what he does. Interested in utilizing Machine Learning to improve decision-making and strategy.

Experience

- 1. Data Specialist (JTI Top Gun) | Apprenticeship** **Aug 2021 – Present**
Jasa Teknologi Informasi IBM
JTI Top Gun is the 12 months apprentice program to prepare IBM JTI Future Leader and Subject Matter Expert in IT Field. The trainee will be equipped with extensive learning, consists of in-class training from professional development institute, on-the-job assignments, and mentoring & coaching from IBM JTI Executives.
- 2. Data Engineer B2B Strategy and Analytics | Full-time** **April 2021 – June 2021**
Indosat Ooredoo
 - Maintain ETL code for data preparation using SQL and Python.
 - Provide data support and statistical analysis for cross-function division.
 - Create CRM report and identify obsolete opportunities with a total of around Rp.50 Bn worth of value.
 - Developed a Clustering Model to create customer segmentation based on SMS, voice and data usage using K-means Model in Python.
 - Provide data and database access support on the development of the B2B Mobile Analytics Platform.
- 3. Data Analyst Sourcing Operation | Apprenticeship** **Jan 2021 – April 2021**
Indosat Ooredoo
 - Create Interactive Power BI Dashboard by integrating it with MySQL and achieving full visibility on the spending cube of Indosat Ooredoo.

Education & Training

- 1. Universitas Padjadjaran** **Aug 2017 – March 2021**
Bachelor of Statistics, **GPA 3.35 / 4.00 (148 Credits)**
- 2. The Coding School** **Oct 2020 – May 2021**
An intensive 8-months Quantum Computing course from 18th October 2020 to 9th May 2021
- 3. Google Bangkit Machine Learning Academy** **Feb 2020 – Jul 2020**
Bangkit is six-month exclusive machine learning and soft skills academy led by Google in collaboration with local startups, designed to produce high-calibre technical talent.

Honours & Award

- 1. Finalist Joints Data Mining Competition**
As a team, we have competed against students from top universities in Indonesia regarding the issues of Data Mining at Joints Data Mining Competition Universitas Gadjah Mada.
- 2. Scholarship Awardee | Central Bank of Indonesia**
As an awardee, I also being a part of the GenBI community as a staff of the Economic and Central Bank Division responsible to create articles about central banks and conduct a workshop about Investment.
- 3. Coursera | Advanced Machine Learning with TensorFlow**
Hands-on experience in utilizing Google Cloud Platform to perform Machine Learning Modeling using image & text data and building Recommendation Systems.

Projects

1. CaptionMe!

As a team, build a website app using Flask, that can automate image captioning by utilizing TensorFlow library to build CNN and LSTM model using ResNet50 and GloVe neural network architecture for Flickr8K data set.

2. Forecast the Passenger of PT. KAI at Java Island Using Facebook Prophet Models

Achieve 3% error measured by Mean Absolute Percentage Error using Facebook Prophet models to forecast the total monthly passenger of PT. KAI at Java Island by utilizing Python libraries such as Pandas, NumPy, Scikit-Learn, and Fbprophet.

Volunteer

1. Research and Development at Data Science Indonesia

April 2020 – Present

As a research and development division volunteer I responsible to reproduce papers and make articles about data science and have created two articles about data science and deep learning using Tensorflow in automation image captioning.

2. Vice Project Officer of Studi Pengenalan Lingkungan

Feb 2019 – Dec 2019

Studi Pengenalan Lingkungan is a student orientation program to give knowledge about Universitas Padjadjaran Statistics Department environment and soft skills for the new student. As the VPO lead 4 divisions and designed the global concept of the student orientation program.

3. Chairman of Statistics Research Forum

Mar 2018 – Dec 2018

As the Chairman of the Statistics Research Forum, I lead 4 divisions and manage collaboration with the lecturer and local government to makes end-to-end research project to explore the perspective of Sayang Village RW 03 about the importance of life insurance.

Skills

1. Google Cloud Platform

Storage, BigQuery (SQL), Data Flow, Compute Engine.

2. Python

Tensorflow, Keras, Scikit-Learn, NumPy, Pandas, Matplotlib.

3. Statistics Analysis

A/B testing, Experimental Design, Multivariate Data Analysis.