

Rakka Alhazimi

Python Developer

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About Me

Certified Python Programmer with 2 years learning experience. Participants in several machine learning competitions held by E-commerce and other companies. Also a lecturer at new startup, mostly teach about machine learning and python. Have a strong knowledge in Data Science Libraries like numpy and pandas. Also able to utilize python web framework to develop machine learning based application.

Work Experiences

Lecturer at Databangalore Id

June 2021 - now

- Create lecture videos about Natural Language Processing.
- Design learning curriculum for students.
- Become a speaker at mini webinar and bootcamp.
- Become a data consultant for individual client.

Projects Experiences

Social Media Analysis Prototye

Python – Streamlit – Data Analysis

Social media analysis prototype is a web applications to see public response about people, event or specific object. The finding method is by filtering the real time data from popular social media like twitter and instagram. Then, the results is served as informative data visualization to help us delve more into the objects. [link](#)

Gold Price Predictions

Python – Streamlit – Machine Learning

Machine learning based-app to predict gold price (buy and sell price). The predictions was performed by both linear regression and genetic algorithm, thus making the predictions results more optimal. User can tune the parameter to get well result. [link](#)

Twitter Relations Network

Python - API - Graph - Data Visualization

Build and visualized graph-based social network, from my relatives in twitter (followers, following and friend). It is built by utilizing tweepy for fetching the data in twitter and pyvis for graph visualization. Graph data structure is used to store and connect the user freely. This app is good for finding insight from customer network relations, [link](#).

Indonesian Economics Dashboard

Python - Flask - Bokeh

Provide the overview of current Indonesian economics condition through a simple data visualization. The indicator consist: GDP, Sectors, Trade Balance, External Debt and Foreign Direct Investment. The purpose of this project is to give the government or related clear image of the effectiveness of their economic policy, [link](#).

Dino AI – Reinforcement Learning

Python – Machine Learning – Automation

Train an agent in dino runner game from chrome with reinforcement learning. The method used is policy gradient method, which tend to find the best actions given the state given by the environments. The setup include python, selenium, javascript and deep learning [link](#).

Education

Sebelas Maret University, Surakarta

Aug 2015 – Aug 2019

- Major: Economics Development
- **GPA: 3.56 out of 4.00**
- Specialized in Econometrics and Statistical Modeling

Skills

- Python
- Machine Learning
- Flask
- Django
- MySQL
- Tailwind
- Numpy, Pandas
- Heroku

Competitions Experiences

ID NDSC 2020 - Payment Matching

Nov 2020

Match the bank statements id to the checkout id using string matching algorithms.

Shopee – Product Match Guarantee

May 2021

Builds machine learning models to predict which item are the same products.

BPJS – Hackathon 2021

Sept 2021

Perform a fraud detection classification on the payment data.

Algobash – Code Run 2021

Nov 2021

Solve two coding challenge in a specified time constraint.