



Oreolorun Olusegun Olu-Ipinlaye

Professional Summary

- Well versed in creating machine learning and deep learning models using Python.
- Adept at using Pandas and NumPy for scientific computing and working with tabular data.
- Experience using Scikit-Learn and PyTorch for working with structured and unstructured data respectively.
- Ability to create Rest APIs using Flask for model deployment.
- Hands on experience creating Web scrapers for data mining.
- Ability to write vanilla code for image processing.

Get in touch!

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Technical Skills

- Python
- NumPy
- Pandas
- Scikit-Learn
- Pytorch
- Flask
- Git
- Regression
- Classification
- Computer Vision
- Image Processing
- Jupyter Notebook

Personal Projects

Customer Churn Modelling

- A classification project where I built a model capable of predicting if a certain bank customer is likely to terminate his/her bank account based on certain attributes about said customer.

libraries used - Scikit Learn, Pandas, Seaborn, Matplotlib, Shap
link - <https://github.com/Oreolorun/Customer-Churn-Banking->

Visual Similarity Recommendation

- A computer vision project where I built a recommendation system which returns images most similar to a target image along with their similarity scores. The recommendation system is powered by a neural network which serves as feature extractor.

libraries used - PyTorch, NumPy, Streamlit, Pandas, OpenCV
link - <https://github.com/Oreolorun/Visual-Similarity>

Image Recognition

- An image recognition project where I used the images scraped from the Web Scraping project in building a model capable of correctly classifying car images into classes such as Sedan, Coupe, SUV and Truck.

libraries used - PyTorch, NumPy, OS, Streamlit, Shap, Flask, Pandas, OpenCV
link - <https://github.com/Oreolorun/Image-Recognition>

Work Experience

Machine Learning Engineer (NLP) | Contributor, Nowwhiteboard.org. (March 2022 - present)

Incorporating Natural Language Processing into the job board's backend via Named Entity Recognition so as to be able to classify jobs according to locations where applicants will be allowed to work remotely.

Duties:

- Fine tuning a Spacy model for Named Entity Recognition.
- Writing Python functions for text analysis.
- Creating and maintaining a location checklist.
- Writing Python script to classify job postings.

Education

Civil Engineering, Bachelor of Engineering (B.Eng), Federal University of Technology Akure, Nigeria. (2013-2018)

- Second class upper division award
- Dean's list (4 semesters)