
Temiloluwa Awoyele

Data Engineer

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SKILLS

Backend: Flask, Fast API **Languages:** Python, SQL

Data Wrangling: Pandas **Orchestration:** Airflow

Cloud: AWS, Glue, Redshift, S3, Lambda, EC2, SNS, SQS

Web Scraping: Requests, Scrapy, BeautifulSoup **Software Engineering:** Git, Linux

Infrastructure: Docker, Terraform, Cloudformation

EXPERIENCE

Diversity, Remote - *Machine Learning Intern*

2 months

- Created LinkedIn scrappers to get employee profiles
- Image classification models to detect gender from image
- Used various heuristics to detect ethnicity based on name
- Debug machine-learning systems in production, and improve performance.

Hash Analytics, Remote - *Data Analyst Intern*

6 months

- Data Analysis with Numpy and Pandas.
- Query database with SQL.
- Data visualization with matplotlib & seaborn.

ICTREC Funaab, Abeokuta - *Network Administration Intern*

6 months

- Performed routine checks, troubleshooting and repairs of faulty networking devices.
- Assisting in the installation of network radios on masts.
- Troubleshooting faulty computer systems.

PROJECTS

Spotify Listens Ingestion(In development)

2022

This project is in development. The purpose is ingest listens history data from spotify with Spotify API, ingest to an AWS RDS Database and backup to S3, visualize the history and also visualize the distribution of tokens in lyrics of songs listened to.

Github: https://github.com/temmyzeus/spotify_airflow_batch_ingestion

Serverless ETL Workflow

2022

Created a AWS Lambda function that runs on csv files PUT to an S3 bucket. Performs transformation, convert to parquet and save to staging area. Another Lambda function then starts on PUT to staging area to load to AWS Redshift.

No-Toxic

2022

A text classification neural network model, deployed to an API endpoint to detect Toxic, Severely Toxic, Obscene, Threatening, Insulting and Identity Hate in text.

- Cleaning and Parsing Text with Regular Expression.
- Created a Preprocessing Pipeline that cleans the text, tokenizes and converts to indices.
- Created a Deep Learning Model to classify text to Multi-Label outputs.
- Wrote Scripts from CLI inferencing of the Model.
- Built an Inference API

Github: <https://github.com/temmyzeus/No-Toxic>

Text Anonymizer

2021

A Text Anonymization System which uses Spacy's Named Entity Recognition to detect named entities in text. Integrated

with an API built with FastAPI and a web app built with Streamlit, this app and the API help to obscure naming entities

from confidential or sensitive data.

- Built an API with FastAPI.
- Deployed API on an AWS EC2 Cluster.
- Named Entity Extraction with Spacy.

Github: https://github.com/temmyzeus/text_anonymizer

Text Explore

2022

A Python package to explore and perform Exploratory Data Analysis on Textual Data. Features such as flesch reading

ease score, flesch kincaid grade score, syllable count, word count and some others are currently implemented in the package.

Github: https://github.com/temmyzeus/text_explore

PyPI: <https://pypi.org/project/text-explore/>

EDUCATION

Federal University of Technology, Akure - *B.Tech Physics Electronics*

Nov 2016 - Present

VOLUNTEERING

Assistant Tutor for the AI Invasion 2022 by Data Scientists Network

May 2022

AWARDS AND ACHIEVEMENT

7th Position, UmojaHack Nigeria: AXA Vehicle Insurance Claim Challenge by UmojaHack Africa, [Link Here](#)

ARTIFICIAL INTELLIGENCE BOOTCAMP, Data Science Nigeria,

[Proof Here](#)

- Selected as one of the best AI talents in Nigeria to participate in the most renowned
- Artificial Intelligence Bootcamp in Africa.