

Adejare Adelugba *Machine Learning Engineer*

✉ adelugbaadejare03@gmail.com

☎ +234 703 802 7765

📍 Abuja, Nigeria

🌐 github.com/Adejare-Workshop

🌐 linkedin.com/in/danieljare

PROFILE

Junior Machine Learning Engineer with internship experience building data pipelines and deploying models. Built a nationwide data pipeline that reduced manual processing by 85% by overcoming unreliable source availability. Deployed a multi-modal cancer detection model (0.91 AUC-ROC) using PyTorch, FastAPI, and Docker. Looking to contribute to a collaborative engineering team.

EXPERIENCE

Data Engineering Intern

08/2025 – 10/2025 | Abuja, Nigeria

Kontemporary Consulting Ltd 🌐

- Architected a robust Selenium-based extraction system to scrape polling unit data across 36 Nigerian states, overcoming unreliable source availability and dynamic page structures.
- Reduced manual data entry by 85% and dataset redundancy by 25%, processing 500k+ records in a 4-week sprint.
- Standardized outputs to Parquet and built a Click-based CLI tool for recovery and maintenance, documented in a technical runbook for non-technical staff.

IT Summer Support Intern

03/2024 – 10/2024 | Abuja, Nigeria

Tertiary Education Trust Fund (TETFund) 🌐

- Improved data accuracy by identifying and correcting inconsistencies and missing information, resulting in cleaner datasets for team use.
- Organized datasets by relevant categories (e.g., institution, program, state) to make information easier to access for reporting and decision-making.
- Produced structured Excel reports and summaries used by the team for monitoring and internal review.
- Documented processes and data steps in clear language to help teammates understand and reproduce work for future tasks.

EDUCATION

Landmark University

2021 – 2025

B.Sc Computer Science

SKILLS

Languages

Python, SQL, JavaScript

ML/AI

Scikit-learn, PyTorch, TensorFlow, MedCLIP, TabNet, ResNet

Data

Pandas, NumPy, Matplotlib, Selenium

Tools

FastAPI, Docker, Git/GitHub, CI/CD, REST APIs, Excel

CERTIFICATIONS

AWS Educate – Machine Learning Foundations

Data Science Certificate

AfriHUB ICT Institute

PROJECTS

Multi-Modal Breast Cancer Detection | PyTorch, FastAPI, Docker, MLflow

10/2024 – 06/2025

- Built an ensemble concatenating ResNet50 image embeddings with clinical tabular features using TabNet, achieving 0.91 AUC-ROC on test data.
- Deployed as a Dockerized FastAPI service with REST endpoint on hugging face.
- Addressed class imbalance via weighted loss.

Fraud Detection on Imbalanced Transaction Data | Scikit-learn, Pandas

11/2025

- Built recall-optimized Random Forest classifier for highly skewed financial data.
- Engineered exponential weighted moving average of transaction frequency over a 7-day sliding window to capture behavioral drift.

Tech Salary Predictor | Regression, Plotly

11/2025 – 12/2025

- Built regression model identifying key compensation drivers (Location, Experience, Remote Ratio) in the tech industry.
- Visualized feature importance to provide actionable salary negotiation insights.