Resume 4: Emeka Nwosu

Contact Information

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Location: Port Harcourt, Rivers State

Summary

Data Scientist with an M.Sc. in Data Science and 4 years of experience in ML and NLP model development. Proficient in Python, PyTorch, and HuggingFace Transformers, with expertise in MLOps and data preprocessing. Adept at deploying scalable AI solutions for predictive analytics.

Education

M.Sc. in Data Science

Federal University of Technology, Owerri

2017 - 2019

B.Sc. in Computer Engineering

University of Benin

2012 - 2016

Certifications

- Google Cloud Professional Machine Learning Engineer (2023)

- Fast.ai Practical Deep Learning for Coders (2021)

Professional Experience

Data Scientist

InnovateAI, Lagos

Feb 2020 - Present

- Built NLP pipelines with HuggingFace Transformers for text classification, achieving 88% accuracy on multi-class datasets.

- Automated MLOps workflows with Airflow and Docker, reducing deployment cycles by 35%.

- Implemented SHAP for model explainability, improving stakeholder understanding of predictions.

Data Analyst

TechWave Solutions, Port Harcourt

Jun 2018 - Jan 2020

- Developed regression models with Scikit-learn for sales forecasting, increasing accuracy by 10%.

- Preprocessed text data using NLTK, enabling effective NLP model training.

- Collaborated with engineering teams to integrate ML models into production systems.

Skills

- Programming: Python, SQL, Java

- ML Frameworks: PyTorch, TensorFlow, Scikit-learn

- NLP Tools: spaCy, NLTK, HuggingFace Transformers

- MLOps: Airflow, Docker, Kubernetes

- Other: SHAP, Pandas, Git

Projects

- **Text Summarization Tool**: Deployed a T5-based model for document summarization, reducing processing time by 25%.

- **Customer Churn Prediction**: Built a classification model with XGBoost, improving retention strategies.