Resume 3: Adewale Ogunleye

Contact Information

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Location: Port Harcourt, Rivers State

Summary

Ph.D. in Machine Learning with 3.5 years of experience in building NLP and ML models. Expert in Python, TensorFlow, and NLTK, with a strong background in MLOps and model explainability. Passionate about creating AI solutions to drive business decisions.

Education

Ph.D. in Machine Learning

Obafemi Awolowo University, Ile-Ife

2018 - 2022

M.Sc. in Statistics

University of Ibadan

2015 - 2017

B.Sc. in Mathematics

University of Lagos

2010 - 2014

Certifications

- TensorFlow Developer Certificate (2022)
- AWS Certified Machine Learning – Specialty (2021)

Professional Experience

Data Scientist

AIInnovations, Lagos

Sep 2021 - Present

- Designed NLP pipelines with HuggingFace Transformers for named entity recognition, achieving 93% F1-score.
- Built automated data preprocessing workflows with NLTK and Pandas, reducing processing time by 40%.
- Led MLOps adoption using Kubeflow, ensuring reproducible model deployments.

Research Assistant
Obafemi Awolowo University, Ile-Ife
Jul 2018 - Aug 2021

- Developed classification models with TensorFlow for academic research, published in three journals.
- Mentored students on NLP techniques using spaCy and NLTK for text analysis.
- Optimized deep learning models for resource-constrained environments.

Skills

- Programming: Python, R, MATLAB
- ML Frameworks: TensorFlow, Keras, Scikit-learn
- NLP Tools: spaCy, NLTK, HuggingFace Transformers
- MLOps: Kubeflow, Docker, AWS
- Other: Model explainability, SQL, Git

Projects

- **Legal Document Analyzer**: Built a spaCy-based NER model for contract analysis, improving accuracy by 18%.
- **Real-Time Sentiment Tracker**: Developed a Flask-based dashboard using RoBERTa for sentiment analysis.