Kehinde Ajayi

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Summary:

An adept data scientist with experience and expertise in the application of statistical and machine learning tools to solving problems of industrial scale. Excellent at deploying machine learning models with proven ability in building predictive models to improve business revenue.

EDUCATION:

Jan 2021 – Dec 2025: PhD, Computer Science, Old Dominion University, Norfolk VA, USA
May 2020: **MS, Statistics**, Montana State University, Bozeman, USA
June 2013: **BS, Mathematics and Statistics**, University of Lagos, NIGERIA (First Class Honors)

SUMMARY OF QUALIFICATION:

- Strong quantitative analytics and modeling skills including Model Development and Model Validation
- Statistical modeling experience (Predictive models, Decision models, Deep learning, and Machine Learning)
- Technical skills: Python, R programming, Tableau, PostgreSQL.
- Natural Language Processing techniques

WORK EXPERIENCE:

June 2020 – Dec 2020: Lead Data Scientist

Ailead Technologies, Lagos Nigeria.

- Managed a team of Data Scientists and Machine Learning Engineers.
- Built a Deep Learning system using LSTM and gloVe to classify an event into several categories.

June 2020-August 2020: Applied Machine Learning Researcher

Los Alamos National Laboratory via US Department of Energy, New Mexico, USA.

- **Research:** Natural Language Processing and Natural Language Understanding.
- **Project:** Combining Machine Learning with human-derived knowledge in Natural Language Processing.

2019-2020: Co Director

Rocky Mountain Data Science

- Developed and created data science workshops for undergraduates, graduates and the university at large.
- Mentored students on how to apply programming skills to solve large-scale problems and communicate results to non-experts.

2018-2020: Graduate Teaching Assistant

Montana State University, Bozeman, MT.

- Instructed students in application of statistical tools to creating stories out of data.
- Mentored students in using data visualization tools to make informed decision.
- Successfully developed sophisticated data analyses, inclusive of data preparation, data processing, quantitative data analysis, and advanced visualization techniques

2016-2018: Data Scientist/Analyst

Chrisland Schools, Lagos, NIGERIA

- Analyzed education data sets and created dashboards and visualizations using Power BI and Tableau
- Trained deep learning models using Tensorflow for predicting students' grades in an international exam which improves students' performances by 50% that year.
- Collaborated and mentored other instructors to help students achieve academic excellence.

2013-2016: Data Scientist/Analyst

Havilah Consulting Group, Lagos, NIGERIA

- Worked on a project on group segmentation of customers based on location and goods purchased using clustering algorithms which improved revenue by 30% three months after implementation.
- Designed a sentiment analysis system of customers' review for a marketing firm's major brand, utilizing spaCy and genism, reducing production time by 80%.
- Designed a machine learning system to detect infectious disease with known symptoms to steer the company towards a higher growth trajectory.
- Identified key drivers for high sales growth, using Decision Tree and Random Forest modeling. This was used to calibrate instore experiences and management decisions for 500+ stores in Nigeria.