

ADEMOLA BALOGUN

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Objective

Enthusiastic and highly motivated graduate with a strong academic background in Artificial Intelligence and Machine Learning. Seeking an entry-level position as a Data scientist to apply theoretical knowledge, hands-on experience, and passion for innovative technologies to contribute to innovative projects.

Education

Master of Science with Specialization in Artificial Intelligence and Data Science

University Name: University of Hull

Expected Graduation: [September 2024]

Relevant Coursework: Machine Learning, Neural Networks, Data Mining, Natural Language Processing.

Technical Skills

- **Programming Languages:** Python, R
- **Machine Learning Libraries:** TensorFlow, Keras, Scikit-Learn
- **Data Manipulation and Analysis:** Pandas, NumPy
- **Deep Learning:** Convolutional Neural Networks (CNNs), Recurrent Neural Networks (RNNs)
- **Tools and Frameworks:** Jupyter Notebooks, Git, Docker
- **Database Management:** SQL, MongoDB, Postgres
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Projects

Sentiment Analysis using Natural Language Processing

University Project | [September 2023- December 2024]

- Implemented a sentiment analysis model using Python and NLTK to analyse customer reviews.
- Pre-processed text data, applied feature engineering, and utilized machine learning techniques to classify sentiments.

Image Classification with Convolutional Neural Networks (CNNs)

Personal Project | [December 2023 - February 2024]

- Developed an image classification model using TensorFlow and Keras to identify objects in images.
- Trained the model on a custom dataset, achieved 89% accuracy.

Link to source code: <https://github.com/Demmynile/Image-Classification>

Predictive Analytics with Time Series Data

Academic Project | [November 2023- December 2023]

- Applied machine learning algorithms to predict future trends in time series data.
- Used Python and Scikit-Learn to preprocess data, build models, and evaluate predictive performance.

Link to source code: <https://github.com/Demmynile/uk-accidents-analysis-and-modelling>

Internship Experience

Data Science Intern | Sterlingtech and Data Sciences, Lagos, Nigeria | [April 2019 – November 2020]

- Assisted in developing and implementing machine learning models for predictive analytics.
- Collaborated with cross-functional teams to analyse and interpret data for actionable insights.
- Conducted data cleaning, exploratory data analysis, and presented findings to team members.

Certifications

- **IBM Data Science Professional Certification** *Coursera: IBM*
- **Deep Learning Specialization** *Coursera: IBM*

Extracurricular Activities

- **Member, DSN (Data Science Nigeria)** *Participated in workshops, seminars, and hackathons related to AI and machine learning.*
- **Volunteer, Coding Club** *Assisted in organizing coding events and mentored fellow students in programming.*

References

Available upon request.