

TITILAYO (ABBY) AMUWO

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Professional Summary: Data Scientist with experience in data integration to explore data information, gather insights, visualize, and solve advanced technical problems. Skilled in machine learning, and deep learning systems which demonstrated a 100% success in identifying, and building solutions to business problems.

Education

Udacity - Nanodegree : AI programming and Machine Learning Fundamentals	09/2023
Flatiron School - Immersive Data Science Bootcamp Program	12/2021
University of Lagos - Bachelor of Science: Business Administration and Management	07/2015

Professional Certification

AWS - Certified Cloud Practitioner	04/2022
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Technical Tools: Python | Java | SQL | Tableau | Pytorch | Tensorflow / Keras | Apache Spark / Hadoop | Pandas | Matplotlib | Seaborn | Sci-kit Learn | Excel | Google Docs | Amazon Web Services | Google Cloud Platform

Skills: Team-work, Collaboration, Business Development, Machine learning, Deep learning, ML workflow, Data Management, Statistical Analysis, Hypothesis testing and CI/CD

Professional Experience

Rubrik - Corporate IT Engineer Intern - Internship - Palo Alto, CA Feb 2023 - Jun 2023

- Administered a variety of SaaS Applications, like Okta, O365, Github, Zoom, and reset passwords when required
- Provide support to other data science initiatives to scale the firm's analytics capabilities across business units
- Worked in an Agile, collaborative environment, partnering with other data scientists, engineers, and business leaders of all backgrounds and disciplines to bring analytical rigor, and visual expertise to the organization

Omdena - Machine Learning Engineer - Contract - Remote, CA Feb 2022 - Feb 2023

- Designed, implemented, evaluated and deployed real world AI/ML solution for data management and analytics
- Performed statistical analysis, built predictive models, and formulate decision models for operational activities
- Leverage machine learning algorithms for standalone products that resulted in a 5% increase in ROI

Digidems - Technical Project Specialist - Contract - Remote, CA Jun 2022 - Nov 2022

- Administered secure and high-quality production code, reviewed and debugged code written by team members
- Studied data science prototypes, visualized the data, trained, tested and maintained the algorithms
- Build models, queries, AI services and Infrastructure that help drive better decision and ensure data governance

Hackathon:

Forecast the use of a city bike-share system - Github

- Engineered an ML algorithm that forecasts the demand for bike rental in the Capital Bikeshare program
- Utilized AWS Sagemaker studio, AutoGluon library, and Python libraries such as Pandas, Seaborn and Matplotlib

Technical Projects

Landmark Tagging For Social Media - Github

- Developed a model that predict a landmark image using the world's landmark images and social media tag
- Obtained data from the subset of Google landmark images v2, used Python libraries for EDA and Pytorch for the development of CNN models, transfer learning, autoencoder, object detection, and object segmentation

Scone Unlimited: An Image Classification Project - Github

- Modeled an AWS build-in image classification algorithm to train a model
- Extracted data from Python CIFAR-100 dataset, applied Python libraries for EDA, AWS S3 bucket for storage, Sagemaker as the IDE, Lambda function to test for deployment, and Step Function to automate the CI/CD
- The model performs at its best with an accuracy score of over 80% on the test dataset.