

ADEOLA ADESOPA

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Summary: Data Scientist, Data Quality and Data Governance professional with 2years of significant experience in Risk/Data analytics, NLP, Social Network & behavioral Analysis and possess technical skills to solve complex business problems

EDUCATION

University of Arkansas at Little Rock, Little Rock, Arkansas, USA

Jan 2020 – Dec 2021

Degree: MS Information Science (Major: Information Quality | Minor: Data Science) - GPA: 4.0

Coursework: Data Sci & Tech, Data Governance, Information Systems Analysis, Database & Information Architecture, Project Management.

University of Ilorin, Ilorin, Kwara, Nigeria

Nov 2009 – Aug 2013

Degree: Bachelor of Science in Statistics | GPA: 3.19/4

TECHNICAL SKILLS

- Programming: Python (Numpy, Pandas, Scikit-learn, OpenCV, Tensorflow, Matplotlib), R (Tidyverse, Rshiny, Dplyr, GGplot2)
- Machine Learning: Regression, Classification, Sentiment Analysis, Statistical analysis, Clustering, Image Processing
- Tools: Tableau, SQL, Excel (VLOOKUP & Pivot Tables)
- Familiar with AWS, Google Cloud Platform, Flask, HTML, CSS, Spark, Agile Methodologies
- Others: Gitbash, Data quality and Risk assessment, Data Governance process evaluation framework, Risk management

ACADEMIC PROJECTS

- Analyzed 1500+ tweets on #COVID19 using Twitter API and created an interactive dashboard to measure the sentiments of users based on location. The dashboard is deployed using RShiny: <https://adeola-adesoba.shinyapps.io/sentiment-analysis/>
- Developed a web application taking in YouTube Video ID & URLs as input to generate movie barcode using OpenCV Framework, Flask, HTML and Python which is deployed on Heroku: <https://mbcodegen.herokuapp.com/>
- Assessed Data Quality and developed recommendations using Data Governance and POSMAD Information Lifecycle framework for Arkansas Arts Council
- Analyzed and designed requirements models for Bank Mobile App prototype using Agile Software development methodologies

PROFESSIONAL EXPERIENCE

Cognitive engineer – Data Science Summer Graduate Intern | IBM USA

Jun 2021 – Present

- Developed solutions for Conversation AI to improve operations for a Healthcare company using NLP techniques for tone analyzer, emotion and sentiment analysis

DevOps Engineer Intern – nClouds Inc | Remote Spring 2021 Co-op

Feb 2021 – May 2021

- Architecting, automating, and maintaining cloud infrastructures using AWS, Docker, Vagrant, CloudFormation and Beanstalk

Graduate Research Assistant – COSMOS at UALR

Aug 2020 – Present

- Conducting research on Video transcription and Speech to Text techniques for YouTube tracker development
- Analyzed and visualized YouTube video behavioral data using Pandas, Numpy, Power Query, Tableau and Excel tools

Graduate Assistant – eLearning and sTaR | University of Arkansas, Little Rock, AR

Jan 2020 – May 2020

- Assisted operations director with administrative tasks and logistics reducing operation backlogs by 62%
- Conducted research and data analysis and presented findings on the most effective Learning Management systems in use across Universities in the USA. This led to a significant reduction in time and cost in developing personalized LMS orientation processes.

Data Scientist Intern | Databreed eLearning Company – Remote

Feb 2018 – Sept 2019

- Analyzed large data to uncover patterns and built machine learning models to predict housing prices yielding an accuracy of 87%
- Developed models using Statistical analysis and Machine learning techniques such as AUC, Transfer Learning and Pre-trained neural networks to predict the presence of oil palms from satellite image datasets yielding a score of 0.997

Risk Analyst – Specialized Lending | Access Bank PLC, Lagos, Nigeria

Apr 2017 – Sept 2017

- Analyzed specialized credits data from SQL and presented analytics dashboards using Tableau and Excel to the Risk Management, Central Bank of Nigeria (CBN) and Bank of Industry (BOI) management teams (impacting over 300+ businesses)
- Managed relationships between related business partners such as the CBN, BOI and Clients with respect to Specialized credits and supervised 5 projects visit to ensure compliance with the terms of agreement and utilization of funds

Credit Risk Analyst - Commercial Banking Division | Access Bank PLC, Lagos, Nigeria

Jan 2016 – Apr 2017

- Analyzed monthly credit portfolio data using Pivot tables and VLOOKUP which improved business unit performance over 50%
- Investigated credit portfolio of 300+ commercial businesses within the South-West regions utilizing root cause analysis which helped to identify segments of lower profitability and high risk

LEADERSHIP EXPERIENCE

Vice President | Society of Women Engineers, University of Arkansas at Little Rock Collegiate Chapter

Aug 2020 – Present

- Assisted in supporting the mission of the professional network and coordinated strategic initiatives to increase membership

Commonwealth Youth Sport for Development and Peace Network Coordinator | UK

Jun 2019 - Present

- Coordinated a team of seven (7) steering committee members and over thirty (30) young people across the Commonwealth virtually to research and develop Sport, Development, and Peace policy recommendations presented to Sport Ministers