

ADEWUNMI OLONODE

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EDUCATION

Kennesaw State University (Resuming in fall 2022)

Degree: MS Information Technology(In View)|(Concentration in Data Analysis and Intelligent technology)

Lagos State University, Ojo, Nigeria

Degree: Bachelor of Science in Electronics and Computer Engineering | **GPA: 3.45/4**

Coursework: C programming, Operations research, Database Systems Design and Applications

Mar 2010 – Jan 2015

PROFESSIONAL EXPERIENCE

Cognitive Engineer | TME NIGERIA

Jun 2021 – Present

- Implemented Conversational AI solutions using NLP techniques, CloudPak, Watson Assistant and Python to create intents, entities and dialog flows which improved healthcare customer operations by 70%
- Extracted logs and analyze conversational data** which enabled executive decision making on Insurance Billing and improving customer experience by 80%
- Implemented an algorithm** to parse and analyzed large dataset using Python, reducing operational processes for my team by 80%

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

Feb 2021 – May 2021

- Architected, automated, and maintained** cloud infrastructures using S3 bucket, EC2, AWS, Docker, Vagrant, and Beanstalk
- Created a CloudFormation template that deploys a VPC with 3 public subnets and 3 private subnets

Data Scientist Intern | Databreed – 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 with 99.7% accuracy

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

Jan 2016 – 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
- 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

ADDITIONAL RELEVANT EXPERIENCE

Data Science Fellow – Correlation One | Remote

Apr 2021 – Present

- Analyzed** and **visualized** healthcare dataset and **developed** classification and regression models to predict patient retention rate of 45.3% using **Pandas, Scikit learn, Tableau**
- Carried out A/B test for hospitality product analytics case study, and utilized SQL queries to analyze product and sales performance

TECHNICAL SKILLS

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

PROJECTS

- 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** & developed recommendations using POSMAD Information framework for Arkansas Arts Council
- Developed Data Governance & Enterprise risk management strategy** & provided recommendations for enhanced data catalog

LEADERSHIP EXPERIENCE

Vice President | Ateneo Electronics and Computer Engineering Society

Jan. 2014– Jan. 2015

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