OLUWADEMILADE AGBOOLA
Data Scientist

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Kaggle – *www.kaggle.com/demiking*
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PERSONAL SUMMARY

A Data Scientist who is passionate about using data to solve business and social impact problems.

EMPLOYMENT HISTORY

System Administrator/DevOps Engineer   May. 2020 – Date
TMoni (Fintech)| Gwarinpa, Abuja

- Troubleshooting issues users have with the app.
- Increasing and maintaining the uptime for all services (web and app) by scaling up on AWS.
- Addition of new devices onto the system as the business scales out into new states in the country.
- Populating a database with new information or transfer existing data into it.
- Building dashboards with AWS Quicksight to visualize actionable information concerning revenue.
- Testing all updates for functionality on the staging app before it goes into production.
- Investigating security loopholes discovered with the system.
- Planning and prioritization of system modifications and updates.

Data Scientist   Jan. 2020 – Date
Thrive Agric | Gwarinpa, Abuja

- Building data pipelines.
- Setting up data architecture and data practices.
- Wrangling data and detailing trends and patterns.
- Building dashboards to visualize actionable information concerning revenue and digital marketing sources and campaigns.
- Creating reports based on data exploration to detail the actionable steps to take.

Data Consultant   Sept. 2019 – Dec. 2019
Thrive Agric | Remote

- Wrangling data and detailing trends and patterns.
- Building dashboards to visualize actionable information concerning revenue and digital marketing sources and campaigns.
- Creating reports based on the explored data detailing the actionable steps to take.

Freelance Data Science Writer   July. 2018 – Date
Fiverr | Online

- Extracting information from data and draft reports.

- Researching and writing articles on the application of Data Science to different fields.
- Proofreading/editing reports and articles on Data Science.

Maintenance Engineer   **May. 2018 – Mar 2019**

Peugeot Automobile Nigeria Limited | Kakuri, Kaduna

- Working with the team responsible for preventive and routine maintenance on electrical installations in the plant and the offices.
- Working with the team of engineers during troubleshooting and investigating defects.
- Assisting with maintaining job and equipment servicing records.

Intern   **Sep. 2016 – Feb. 2017**

Shell Petroleum Development Company | Marina, Lagos

- Worked with the safety team on Management Facility Inspections to note all Unsafe Acts/Unsafe Conditions (UA/UC)
- Worked with the safety team to monitor and ensure all UA/UCs were closed as at when due.
- Worked with the maintenance team during preventive, routine and maintenance.

COURSES

Udemy

2019   **Hands-on Tableau training for Data Science (Audited)**

edX

2019   **EdX Spark CS100.1x Introduction to Big Data with Apache Spark (Audited)**

+Acumen & IDEO.org

2019   **Design Kit: The Course for Human-Centered Design**

Coursera

Sept 2018 -   **From Data to Insights with Google Cloud Platform specialization**
Nov. 2018   **How Google does Machine Learning Course**
                 Launching into Machine Learning Course
                 How to win a Data Science Competition (Audited)
                 Deep Learning.ai's Deep Learning Specialization

EDUCATION

2018   **Bachelor of Science (B.Sc.)**
                 Electrical & Electronic Engineering – University of Ibadan

SKILLS

- AWS and Google Cloud Platform

- Python and its libraries such as NumPy, SciPy, Scikit-Learn, Pandas
- SQL
- PyTorch
- TensorFlow
- Data Analysis with Tableau
- Computer Vision with the openCV library
- C++

PROJECTS

- A NLP sentiment analysis model for predicting sentiment (Positive, Negative and Neutral) in text for a dataset in Dutch.
- A Random Forest classifier and a Neural Network to predict loan defaulters after wrangling a dataset using BigQuery and SuperQuery on the Google Cloud Platform
- A Machine Learning model to predict the number of wins each Premier League team should have based on official Premier League statistics such as Goals scored, goals conceded, shots on target and total number of shots.
- Building a neural network from scratch using numpy.
- A computer vision model that recognises white lines on the road presented to it, either in the form of pictures or videos.
- Construction of a remotely controlled, electric powered vehicle.
- Construction of an alcohol detection system within the driver's compartment of a vehicle with safe engine locking and location alerts to registered numbers via text.

HIGHLIGHTS

- Second place in Grid 3 KadHack 2018 (online version) competition as a member of Team Baiwa. We created a platform for using USSD codes to report deficiencies in hospitals in Kaduna state. (Link to work - https://devpost.com/software/teambaiwa-1)
- Speaking on "Building Object detection applications with TensorFlow on GCP" at Google DevFest Kaduna on the 19th of October, 2019 to a crowd of 50.
- Machine Learning Tutor with Scenario Academy, Lagos Nigeria where I introduced people to pandas, numpy and eventually had them building machine learning algorithms.

REFEREE

Available on request