AJIBADE ABDULQUDDUS ———————————————— Data Scientist

Alexander brown hall, University College Hospital, Ibadan
+2349030987312 | ajiscomorac@gmail.com

Objective

Motivated data scientist with excellent leadership skills, and the ability to develop, automate, and run analytical models of systems. Strong modeling skills with ability to build tools and support structures needed to analyze data, dive deep into data to resolve root cause of systems errors and changes, and present findings to business partners to drive improvements. Demonstrated ability to manage medium-scale modeling projects, identify requirements, and build methodology and tools that are statistically grounded.

Experience

- **Hamoye**   Jan - 2022 - Present
  Data Scientist
  - Built and deployed Machine Learning application that predicts Cancer on Flask:
  https://tumpred.herokuapp.com
  - Worked with my team and pioneered the deployment of Machine Learning model that predicts crime in a country on Streamlit:
  https://bit.ly/CrimeWomen
  - Built a solution that increased the company's costumers by 20%
  - Contributed to visualizing and analyzing project data.
  - Convinced my team into making a decision that increased the ease of our project by 60%.
  - Working actively with a team on a project to build a model that predicts cancer.

  Skills and Technologies used: Python, SQL, Numpy, Pandas, Scikit-Learn, Tensorflow, Keras, Spark, Seaborn, Matplotlib, AWS, Kubernetes, NLP, Colab, Anaconda, VS Code, GIT, Flask, Heroku, Streamlit. Computer Vision, Timeseries , Big data

- **ShapeAI**   June - 2021 - Oct - 2021
  Data Analytics Intern
  - Did Exploratory Data Analysis that analysed and saved the company from financial crisis:
  https://bit.ly/FinanceEDA
  - Learnt and implemented the use of Analysis tools like Excel, Python Visualization libraries (Matplotlib, Seaborn, Kufflinks) Tableau, PowerBI.
  - Completed Exploratory Data Analysis of 911 emergency calls in a country.

  Skills and Technology used: Python, SQL, Matplotlib, Seaborn, Kufflinks, Excel, Tableau, PowerBI

- **Avario Digitals**   Jan - 2022 -
  Python Developer Intern
  - Learnt basics, intermediate and advanced lessons and implementation of Python BackEnd frameworks (flask, Django)
  - Managed 9 Softwares and Web applications for the company.
  - Made decisions that increased company returns by 20%
  - Built a chatting app using Python Django and FrontEnd frameworks.
  https://my-chatme.herokuapp.com

  Skills and Technologies: Python, Flask, Django, HTML, CSS, JavaScript, Bootstrap, Heroku, VS Code, Spyder, Anaconda, GIT, Numpy

Education

- **WorldQuant University**   2022
  Applied Data Science
- **Turing College**   2021 - 2022
  Data Science
- **OneSchool**   2021 - Present
  Data Science and Engineering
- **University College Hospital**   2017 - 2024
  Medicine and Surgery/ MBBS

Projects

- **Crime Predictor (ML Model App)**
  - Machine Learning model application that predicts Crime Against women in a country at a particular time
  - Made use of Scikit-Learn Algorithms like PolynomialFeatures for preprocessingn, Linear Regression model, mean squared error,mean absolute error, r2 score for metrics and evaluation.
  - Wrote algorithm for Polynomial Regression and made evaluations.
  - Metrics: On the first degree, had RMSE, MAE and R2 Score of 21, 18 and -8 respectively.
  - Deployed model on Streamlit.
  - Technologies and Skills used: Python, Scikit-Learn, Streamlit, Pandas, Numpy, Anaconda,

  Link: https://bit.ly/CrimeWomen

- **Breast Cancer Predictor (ML model app)**
  - AI app that uses machine learning model (Support vector Classifier, GridSearchCV) to predict whether a breast tumor is cancer or not.
  - Did Exploratory Data Analysis using Python libraries (Seaborn, Matplotlib, kufflinks)
  - Made use of Scikit-Learn Algorithms like Support Vector Classifier, GridSearchCV, Classification reports (for metrics)
  - Metrics: had f1 score of 0.95
  - Wrapped model in a flask app deployed on Heroku app with written HTML, CSS and JavaScript FrontEnds.
  - Technologies and Skills used: Python, Scikit-Learn, Flask, Pandas, Numpy, Anaconda, Jupyter Notebook, Seaborn, Matplotlib, Heroku
  Heroku.

  Link: https://tumpred.herokuapp.com

- **Company's Advert Success Prediction**
  - A Machine learning model taht uses Logistic Regression to predict whether a breast tumor is cancer or not.
  - Did Exploratory Data Analysis using Python libraries (Seaborn, Matplotlib, kufflinks)
  - Made use of Scikit-Learn Algorithms like Logistic Regression, Train Test Split, , Classification reports (for metrics)
  - Metrics: had f1 score of 0.92
  - Technologies and Skills used: Python, Scikit-Learn, Pandas, Numpy, Anaconda, Jupyter Notebook, Seaborn, Matplotlib. Heroku.

  Link: https://bit.ly/ajiAdverts

- **NLP for a Company**
  Machine Learning involving Natural Language processing of a Company's reviews
  - A Machine learning model taht uses Logistic Regression to predict whether a breast tumor is cancer or not.
  - Did Exploratory Data Analysis using Python libraries (Seaborn, Matplotlib, kufflinks)
  - Made use of Scikit-Learn Algorithms for transforming, processing and training and evaluating the model like Count Vectorizer, Multinomial Naive Bayes, Train Test Split, , Classification reports (for metrics)
  - Performed text processing using TfidTransformer Algorithm, and trained using Pipeline
  - Metrics: had f1 score of 0.73
  - Technologies and Skills used: Python, Scikit-Learn, Pandas, Numpy, Anaconda, Jupyter Notebook, Seaborn, Matplotlib, NLP

  Link: https://bit.ly/ajiNLProcess

Articles, Blogs And Publications

- **Deploying Machine Learning Application**
  Data Science list, Medium blog, 2022

  Link: https://lnkd.in/gJrtSbRr

- **Crime Against Women in India, Predictions with Machine Learning.**
  Hamoye Data Science Journal, 2022, Nigeria.

  Link: https://github.com/apacheteam/Crime-Against-Women-PP22-C623-APACHE-TEAM

- **AI for Green house gas reduction**
  Data Science Nigeria, 2021