Mukhtar Raji

Email | LinkedIn | Medium | Github | Phone

WORK EXPERIENCE

Credit Card Defaulters Classification and Prediction   Remote

Data Scientist (Freelance Contract)   April 2022 – May 2022

- Built a system that helped to formulate strategies and make better informed decisions on new applications of credit cards through machine learning recommendations
- Showcased company's customer features from the result of deep data analysis on the defaulters' data using standard data quality control and analytical techniques
- Built machine learning models for predicting defaulters with an accuracy score of more than 80%

Breast Cancer Classification Using Deep Learning   Remote

Data Scientist (Freelance Contract)   March 2022 – April 2022

- Built a system for the classification of breast cancer images into cancerous cells and non-cancerous cells
- Utilized machine learning models in conjunction with transfer learning models specifically the VGG19, EfficientNetV2L and InceptionResNetV2 models
- Optimized the best performing model to predict with a high metric score of 94%

Topic Modelling For Social Computing Task   Remote

Data Scientist (Freelance Contract)   March 2022 – March 2022

- Built algorithms for auto-processing social media tweets into groups
- Utilized python's natural language processing (NLP) libraries in conjunction with topic modelling techniques such as LDA and LSA to analyze and build a classification system
- Produced highly accurate results of above 91% accuracy in successful grouping of the tweets

Computer Vision Image Manipulation Task   Remote

Data Scientist (Freelance Contract)   December 2021 – December 2021

- Built a system to produce custom thresholding of images using an exclusive mode of image manipulation techniques
- Utilized python image libraries such as OpenCV, matplotlib, skimage, SciPy and more, in performing the custom image manipulation
- Generated output images using the custom thresholding feature which were very similar to OpenCV's standard thresholding feature with an accuracy of nearly 95%

Sentiment Analysis Project   Remote

Data Scientist (Freelance Contract)   October 2021 – November 2021

- Built a system for auto-classifying the sentiments of general texts into positive, negative and neutral sentiments
- Utilized python's natural language processing (NLP) libraries in conjunction with recommended bag of words to build the sentiment analyzer
- Produced highly accurate results of above 90% accuracy in successful classification of input texts

Hamoye AI Labs   Full-Time Remote

Data Scientist   July 2021 – November 2021

- Built and presented solutions using machine learning models to produce faster insights into data that other companies can use to make more informed decisions
- Collaborated with a team of 23 members to analyze and build machine learning models specific to Covid-19 patients and Airplane accidents
- Built several machine learning models for prediction with accuracy scores of more than 80%

LEADERSHIP AND VOLUNTEERING EXPERIENCE

Professionals In Data   Remote

Team Lead (Volunteer)   July 2022 – Present

- Train aspiring data scientists and data analysts by providing mentorship and also leading group projects
- Past projects include 'Sentiment Analysis of Elon Musk's tweets: The effect on Tesla's stocks', and 'Human vs Machine-based Analysis: What affects the gross profit of IMDB's top rated 1000 movies?'

EDUCATION

University Of Ilorin   Kwara, Nigeria

Electrical/Electronics Engineering   October 2016 - February 2022

SKILLS & LANGUAGES

Technical Skills: SQL, Python, NumPy, SciPy, Pandas, Scikit-learn, Machine Learning, Matplotlib, Seaborn, Panel, hvplot, holoviews, Data Visualization & Storytelling, Excel, Tableau, Data Manipulation and Analysis, OpenCV, TensorFlow , Keras, Pytesseract, Computer Vision, Google DialogFlow, Natural Language Toolkit (NLTK), Gensim, Deap, Pattern, Textblob, Natural Language Processing (NLP), Artificial Intelligence, Git, Github, API Integration

Soft Skills: Problem Solving, Effective Communication, Teamwork, Time Management, Leadership

Languages: English, French, Arabic, Yoruba