Amazing-Grace Umoren

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EDUCATION

LAGOS STATE UNIVERSITY   Lagos, NG
Computer Science (B.Sc.)   January 2019 – May 2023
GPA: 4.3

Relevant Courses: Software Engineering, Operating Systems, Data Structure and Algorithms, Object Oriented Programming, Artificial Intelligence, Discrete Mathematics, System Analysis and Design, Database Management Systems

WORK EXPERIENCE

MEDIA ANALYST   Lagos, NG
                                                                  March 2023 – Present

- Collaborated with field force and remote teams to gather, review, and approve raw data, transforming it into comprehensive reports for 3 accounts.
- Delivered timely and accurate compliance updates, competitive reports, and category reports on a weekly, monthly, and quarterly basis, tailored to meet clients' specific business objectives and needs.
- Produced quarterly and annual Out-of-Home (OOH) industry reports, contributing to strategic planning and decision-making.

FREELANCE DATA ANALYTICS CONSULTANT   Lagos, NG
                                                              December 2022 – Present

- Provided tutoring and assignment assistance to Bachelors and Master's Level students in Data Science and Business analytics programs
- Assisted at 5+ students leading to an improvement in their understanding of data analytics and coursework and project scores by over 75%.

EXPOSE MARKETING SOLUTIONS   Lagos, NG
Intern   February 2022 - August 2022

- Played an integral role in research by facilitating the data collection process, organizing and analysing the data, and contributing to timely and accurate reporting
- Facilitated effective meetings by preparing rooms and materials, and recording information
- Optimized workflow and achieve objectives with team collaboration and provided essential administrative and staff support tasks

PROJECTS

SIGNATURE RECOGNITION AND FORGERY DETECTION

- Developed a novel approach for offline signature recognition and forgery detection, successfully combining the strengths of Convolutional Neural Networks (CNN) and Siamese Neural Networks (SNN) for robust feature extraction and accurate classification.
- Applied the model on a comprehensive dataset, achieving an impressive False Rejection Rate (FRR) of 1.6%, indicating its potential for real-world applications.
- Reviewed literatures on signature recognition and forgery detection, contributing to the advancement of signature verification research.

DATA WRANGLING PROJECT (WE RATE DOGS)
- Cleaned and transformed Twitter data then applied techniques to address data quality and tidiness issues and worked with diverse file formats, including JSON and CSV.
- Leveraged statistical methods and data visualization tools to uncover meaningful insights.

RED WINE QUALITY PREDICTION
- Investigated the impact of various factors on the quality of red wine. Leveraged Python, along with key libraries such as Pandas, NumPy, Matplotlib, Seaborn, and Sklearn to pre-process, explore, and visualize the dataset.
- Employed Decision Tree Classifier and Random Forest Classifier algorithms to build predictive models and gain insights into the key drivers of wine quality.
- Evaluated the performance of the models and refined them as necessary, ensuring optimal accuracy and robustness.

SKILLS

Technical Skills: Python (NumPy, Pandas, Scikit-learn, Matplotlib, Seaborn), SQL(MySQL), PowerBI, Microsoft Excel, Problem Solving and Analysis

Soft Skills: Teamwork, Problem-solving, Presentation and Communication

CERTIFICATIONS

Data Analyst Nanodegree Via Udacity
Python for Everybody by the University of Michigan Via Coursera

ADDITIONAL

Leadership and Volunteer Experience
- Led multiple academic projects, coordinated team tasks, contributing to successful project outcomes.
- Volunteered as a member of the media team at my local church, assisting with content creation, camera operation, mixing, photography and live streaming.