

Magnus Onyenma Nwaokeleme

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SUMMARY

Driven and accomplished Computer Systems Engineering graduate eager to launch a rewarding career in the financial industry. Proficient in data analysis, machine learning, financial modelling, and market research, with a passion for leveraging technology to drive informed decision-making. A track record of leadership and effective communication honed through diverse extracurricular involvements.

EDUCATION

Oct 2020 - July 2023

University of Essex, Colchester, UK

BsEng Computer System Engineering [2:1]

- Relevant coursework: Natural language engineering, Information Retrieval, Large Scale Software System, Computer Vision, Evolutionary Computation and Genetic programming

TECHNICAL SKILLS

- Highly Proficient (2- 3 years): Python, C++, Machine Learning, SQL , Data Visualisation, CSS, Git, ETL
- Proficient (<2 years): Java, R, Tableau

RELEVANT EXPERIENCE

May 2022 - Jan 2023

Data Analyst Freelancer - Upwork, Remote - May 2022 to December 2022

- Worked as a data analyst freelancer, providing data-driven insights and analysis to clients.
- Conducted exploratory data analysis on large datasets using Python and SQL, identifying patterns, trends, and anomalies.
- Conducted data cleaning and preprocessing tasks, ensuring data integrity and accuracy for analysis.
- Presented findings and actionable recommendations to clients through comprehensive reports and presentations.

PERSONAL PROJECTS

- Developed a data visualisation dashboard using Tableau to analyse and present key insights from a large customer dataset, to make informed business decisions.
- Conducted a comprehensive exploratory data analysis on a financial dataset, identifying trends, outliers, and patterns using Python and libraries such as Pandas, NumPy, and Matplotlib.
- Designed and implemented a sentiment analysis model using natural language processing (NLP) techniques in Python, enabling the classification of customer reviews into positive, negative, or neutral sentiments.
- Created an interactive web application using Flask and HTML/CSS to visualise real-time stock market data, to track and analyse stock performance.
- Performed segmentation using clustering algorithms such as k-means and hierarchical clustering, allowing a retail company to tailor marketing strategies.

EXTRACURRICULAR ACTIVITIES/ CERTIFICATIONS

- **University Football Team:** Active member of the university football team, participating in weekly practices, tournaments and matches, and contributing to the team's successful performance.
- **Societies:** During my time at the University of Essex, I was an active member of both the finance society and the STEM society. Participated in hackathon during my second year to develop an AI-powered chatbot that assists patients in scheduling appointments.
- **Certifications:** Data Analyst Associate certification (Datacamp), Forage Virtual Internships(Data Analyst, Software Engineering).

LANGUAGES

Italian (Native), English (Fluent), Spanish (Basic)