CHINEDU MELVIN BENJAMIN

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Summary

Passionate Data Scientist and Software Engineer with a proven track record of leveraging technical expertise to build innovative, impactful solutions. Graduated as the best Computer Science student from Michael Okpara University of Agriculture, specializing in Data Science and Software Engineering. Proficient in data analysis, modeling, and visualization using tools like Python, Pandas, Scikit-learn, and TensorFlow. Adept in full-stack development with frameworks like Next.js and Django, alongside skills in SQL, simulations, and computer-aided design. A member of the Nigerian Computer Society (NCS) with strong problem-solving, communication, and time-management skills.

Core Qualification

- Python, Pandas, Numpy, Scikit-learn

- Data Analysis and Visualization

- SQL & NoSQL

- Machine Learning Algorithms

- Data Preprocessing

- Deep Learning Frameworks (TensorFlow, Keras)

- Agile/SCRUM Practices

- REST API & GraphQL

- Full-Stack Development (Next.js, Django)

- Cloud Computing (AWS)

- Docker, CI/CD Pipelines

- Version Control (Git, GitHub)

- Microsoft Bot Framework

Experience

Infinity Health Africa (Remote)
Data Scientist
September 2023 - Present

- - Developed predictive models to analyze patient data, improving diagnostic accuracy and treatment plans.
- - Conducted exploratory data analysis (EDA) to uncover insights from large healthcare datasets, guiding strategic decisions.
- - Built and optimized machine learning models for disease prediction and patient monitoring.
- - Utilized TensorFlow and Scikit-learn to implement algorithms for medical image analysis and anomaly detection.
- - Automated data preprocessing and feature engineering pipelines, enhancing efficiency and accuracy in analytics workflows.
- - Collaborated with cross-functional teams to ensure seamless integration of data science solutions into existing systems.

INC Consulting Africa
IT Support Specialist
March 2023 - Present

- - Provided data analysis and reporting to enhance decision-making processes for internal operations.
- - Developed dashboards using Python and Excel to track key performance indicators (KPIs).
- - Maintained databases, ensuring data integrity and security compliance.
- - Delivered data-driven insights to support resource management and process optimization.

Turing (Remote)
Data Scientist
June 2021 – March 2023

- - Developed machine learning models to analyze store security footage, detecting anomalies and suspicious activities in real time.
- - Leveraged computer vision and natural language processing techniques for multi-modal data analysis.
- - Designed and deployed predictive models for customer behavior analysis, improving marketing strategies.
- - Built interactive visualizations to communicate findings to non-technical stakeholders, enhancing project outcomes.

Trending ICTHUB, Umuahia, Abia State, Nigeria
Web Developer
March 2018 - May 2021

- - Spearheaded the development and maintenance of high-performance web applications using Next.js and ReactJS.
- - Implemented data visualization features in applications, enabling users to interact with complex datasets intuitively.
- - Leveraged Django REST API to create robust backend systems for handling data-driven workflows.
- - Deployed applications on AWS, ensuring scalability and reliability.

Education

Michael Okpara University of Agriculture, Umudike, Umuahia, Abia State, Nigeria
B.Sc. (Hons) Computer Science (First Class Honours)
2018 - 2022

Certifications

- Google IT Support Professional through Coursera (July 2022)

- Amazon Web Services Cloud Practitioner (October 2022)

- Big Data Analytics with Microsoft Excel, SQL, and Python (February 2020)

- Automation with Python through Google and Coursera (June 2022)

- META Backend Program through META and Coursera (March 2023)

Key Competencies

- Strong analytical and problem-solving skills.

- Ability to learn quickly and adapt to new technologies.

- Excellent communication and teamwork capabilities.

Reference

Available on Request