DANIEL IHEUKWUMERE

United Kingdom

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A highly motivated and adaptable professional currently pursuing a Master's in Data Science at Northumbria University, London. I bring over a year of experience in frontend development, coupled with expertise in tutoring and teaching assistance. With strong communication, team management, and problem-solving skills, I am eager to contribute to innovative projects and acquire further training where required. My ability to thrive in collaborative environments has enabled me to deliver impactful results in both professional and academic settings

Experience

Teaching Assistant
Strathmore School | London, UK
February 2025 – December 2025

- Supported teachers in the classroom by helping students stay engaged, focused, and confident in their learning.
- Worked one-to-one and in small groups with students who needed extra support, adjusting my approach to suit different learning styles.
- Built positive relationships with students and staff through clear communication, patience, and a calm, supportive attitude.
- Helped manage classroom behaviour and supported students during challenging moments, ensuring a safe and inclusive environment.
- Followed safeguarding guidelines and school procedures, handling sensitive information with care and professionalism.
- Shared feedback with teachers on student progress and contributed to creating a supportive learning experience.

Frontend Developer (Intern → Mentor)
Genesys Tech Hub | Nigeria
07/2022 – 02/2024

- Developed and maintained **scalable frontend architectures** for Hyve Finance, a cross-border payment platform, focusing on performance optimisation, accessibility, and responsive design.
- Built component-driven user interfaces using React (hooks, state management, reusable components) alongside HTML5, CSS3, and JavaScript (ES6+)**.**
- Designed and implemented a React-based e-commerce application, integrating authentication flows, protected routes, and API-driven product management to support secure transactions and seamless checkout experiences.
- Collaborated within agile development teams, utilising Git/GitHub for version control, code reviews, and collaborative feature development across multiple applications.

- Applied object-oriented programming principles and Python to support backend logic, data handling, and system integrations where required.
- Optimised application performance through clean code practices, component refactoring, and responsive UI testing across devices and browsers.
- Contributed to projects that enabled a 20% increase in client revenue, translating business requirements into technical solutions.
- Mentored junior developers by delivering hands-on workshops **in** HTML, CSS**,** and JavaScript, creating structured technical learning materials, debugging sessions, and overseeing team-based development projects.

MSc Big Data & Data Science Technology – Academic Project
University of Northumbria | London, UK
01/2025 – 05/2025

MSc Big Data & Data Science Technology – Academic Project

- Developed a multi-method cheating detection system in Python (Google Colab), combining heuristics, supervised ML, and unsupervised anomaly detection.
- Data Collection & Preprocessing: Performed feature engineering, standardization, and time-slicing of gameplay data to prepare training datasets.
- Heuristic-Based Detection: Designed rules to flag suspicious players (e.g., headshot ratios >51%, K/D >4.0, abnormal killstreaks).
- Supervised Learning: Trained a Random Forest model achieving 99% accuracy and 90% precision on labeled data.
- Unsupervised Learning: Applied Isolation Forest to identify hidden/stealthy cheating patterns, detecting 60% of cases missed by other methods.
- Hybrid Detection: Combined all approaches into a hybrid system, improving coverage and reducing false positives by 15%.
- Real-Time Readiness: Implemented a streaming design using Apache Kafka for live data processing and rapid cheat detection.
- Visualization & Reporting: Built visual dashboards to explain cheat patterns (e.g., headshot ratios) and exported results to CSV for moderator review.

Skills

Front-End Development: React, JavaScript (ES6+), HTML5, CSS3, Responsive Design
Data Analysis: Python (Pandas, NumPy), Data Cleaning & Preprocessing, Exploratory Data Analysis (EDA), Data Visualization (Matplotlib, Seaborn), SQL
Additional Tools: Git/GitHub, VS Code, Postman, Tableau, Agile/Team Collaboration

Education

Bachelor of Science in computer science
Renaissance University, Nigeria
August 2018 – August 2022

- Distinguished member of the university's Accounting Society
- Relevant coursework: Web development, Data science & analytics, Operating systems
- GPA 4.3/5.0

Master of Science in big data and data science
University of Northumbria, United Kingdom
May 2024 – May 2025

- Distinguished member of the university's student representative
- Relevant coursework: Applied data science, Information governance and cybersecurity, Machine learning on cloud
- Graduated with COMMENDATION

Reference
Available upon request.