

 **Okafor Edozie Chukwuebuka**

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## Professional Summary

Data Science Specialist with a proven record in machine learning, big data analytics, and advanced visualization. Proficient in Python and Power BI, with practical research applications in fraud detection, behavioral analytics, and digital innovation. Adept at translating complex datasets into actionable insights that support decision-making, operational efficiency, and digital resilience. Strong foundational skills in cybersecurity augment a data-first approach to system integrity and privacy.

## Education

**Teesside University** – *MSc Data Science with Advanced Practice (2023–2025)*

- Master's Project: *Credit Card Fraud Detection using Machine Learning*
- Core Modules: Big Data Analytics · Data Visualization · Machine Learning · Interactive Dashboards · Research Methodology · Statistical Analysis

**University of Sunderland** – *MSc Cybersecurity (2020–2021)*

- Master's Project: *Secure Student Response System*
- Modules: Cyber Resilience · Secure UX Design · Technology Management · Incident Response Frameworks

**Anambra State University** – *BSc Computer Science (2012–2016)*

- Bachelor's Project: *Mobile Learning Application Design*
- Modules: System Design · Web & Object-Oriented Programming · System Architecture · Real Analysis · Java

## Professional Experience

**Think Pacific Foundation** – *Data & Digital Innovation Intern (2023)*

- Conducted analytical research on emerging digital solutions.
- Created a concise visual representation of World Health Organization (WHO) data aligned with the foundation's goals and initiatives.
- Supported data-driven projects with visualization, interpretation, and reporting.

**West African Youth Support and Development Forum** – *IT Support Analyst (2018–2020)*

- Delivered technical support and maintained system uptime.
- Contributed to youth-centered digital outreach and initiatives.

## **Certifications & Training**

- **Cybersecurity Training** – IT Career Switch (2022–2023)
- **Cybersecurity Awareness** – ISC2 (2022)
- *Additional self-guided training in Power BI, Pandas, and Scikit-learn*

## **Technical Skills**

| Category             | Skills   |
|----------------------|--|
| Programming          | Python · Java ·  |
| Data Analytics       | Power BI · Statistics · Data Visualization · Data Interpretation |
| Machine Learning     | Scikit-learn · Supervised/Unsupervised Models · Fraud Detection  |
| Big Data             | Hadoop Concepts · Data Mining Principles                         |
| Cybersecurity        | Cyber Resilience · Threat Modeling · Incident Response           |
| Software Development | Web Design · System Architecture · UX Design                     |

## **Additional Information**

- Full UK Driving Licence Holder
- Open to relocation across the UK for data-oriented opportunities