Mcanthony Otuonye

Data Scientist

Contact

+44 751 334 3378

mcanthonyotuonye@gmail.com
Edge Lane, Liverpool

Education

2024 – 2025
Edge Hill University
Master of Science | Computing

- Conducted **data analysis and visualisation** on several large online datasets with **Python libraries**

- **Dissertation:** The use of **machine learning classifiers** for **malware detection** in Android devices

- Produced **cybersecurity reports** covering **ISO 27001, NIST, ISRA, ISRM, DDoS Mitigation**.

- Collaborated on a **Student-Tutor Management App** using **Python, Django, PostgreSQL**, **Tailwind** and **Agile SDLC**

2018 – 2022
Dublin City University
Bachelor of Science | Biotechnology

- Utilized 'R' for statistical data analysis

Personal Summary

A dedicated and resourceful data scientist currently pursuing a Master's degree in Computing, with a strong foundation in both data analysis and software development. Currently completing a 12-week coding boot camp with CODE Lancashire, focused on data analysis with Python, front-end & back-end web development. This experience has enhanced my proficiency in multiple programming languages and frameworks.

With strong technical expertise, analytical and collaborative mindset problem-solving abilities, excellent time management, organisational skills, I can contribute positively to any team. Retail experience has also equipped me with exceptional customer service and client-focused skills. Seeking tech roles that offer new challenges and opportunities for continued skill development.

Experience

Scale-ability CODE Bootcamp | Lancaster   Jun 2024 – Oct 2024

- **Data analysis** using **Python**, focusing on data mining, visualisation, and problem-solving and machine learning using libraries such as **Pandas, NumPy, Matplotlib, and sk-learn.**
- Developed a **Boxing Gym Website** using **React**, showcasing my ability to build dynamic, interactive web applications.
- Created a **To-Do List** app in **React**, managing state and user interactions.
- Applied **CSS** for responsive, user-friendly designs

Merieux NutriSciences | Kildare   Sep 2023 – Dec 2023
QC Chemistry Analyst

- Responsible for a range of analytical tests
- Maintained effective product organization to support an efficient testing process.
- Ensured timely reporting of test results within the specified deadline

- Created an HPLC absorbance spectrum to assess Dox uptake

2016 – 2018
Patrician Secondary School
Irish Leaving Certificate
Achieved 487 points
- Physics – H2
- Biology – H2
- Chemistry – H3
- French – H3
- English – H4
- Maths – H4
- Irish – O3

Certifications

LinkedIn Learning
- IT Security Foundation
- Cloud Computing : Core Concepts
- ITIL 4 Core Concepts
- Intro to Security Information Event

- Management (SIEM)
- ISO27001 Compliance

Udemy
- Python
- SQL

Other Key Skills
- Highly skilled in reporting and presenting information, through academic and work experience
- Excellent organisational and time management abilities, demonstrated by balancing university, part-time work, and extracurricular commitments.

Pfizer | Dublin   Oct 2023 - May 2023
QC Chemistry Analyst

- Conducted finished product testing in a large-scale GMP manufacturing facility.
- Mentored in Pfizer's WALK program, providing disadvantaged individuals with valuable insights into daily operations.
- Oversaw the maintenance and upkeep of laboratory equipment using critical technical expertise and problem-solving abilities
- Actively engaged in identifying and implementing continuous improvement initiatives.

Holland and Barrett | Kildare   Dec 2021– Oct 2022
Sales Advisor

- Provided in-depth product knowledge to customers on product queries
- Displayed excellent customer service through promoting a welcoming environment

Technical skills

IT skills:

- Data Analysis: Python, Pandas, NumPy, Sk-learn, Glob, Matplotlib, Machine Learning
- Front-development: HTML, CSS, Tailwind, JavaScript, React
- Backend development: Django, Next.js
- Cybersecurity: ISO27001, ISRM, DDoS Mitigation, HIDS, Penetration testing
- Information Security Standards
- Networking Protocols and Standards

Other Technical Skills:

- Able to perform data review, analysis and interpretation with high level of detail
- Troubleshooting Technical Equipment
- Exceptional presentation skills developed from university study
- Always looking for ways to upskill and improve