

Mcanthony Otuonye

Data Scientist

Contact

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Edge Lane, Liverpool

Portfolio

<https://data-science-portfolio-sigma.vercel.app/>

Education

2024 – 2025

Edge Hill University
MSc | 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
- Collaborated on a **Student-Tutor Management App** using **Python, Django, PostgreSQL, Tailwind,** and **Agile SDLC**

2018 – 2022

Dublin City University
BSc | Biotechnology

- Utilized 'R' for statistical data analysis

Personal Summary

A dedicated and resourceful data scientist & web developer, currently pursuing a Master's degree in computing. As part of my Master's program, I am delving into critical areas such as machine learning, Python (OOP, Exception handling, etc.) , algorithm design & analysis, data analysis & visualisation, SQL, and cybersecurity. My transition from the laboratory to coding has enabled me to combine a strong analytical mindset with technical proficiency in software development, data science, databases, and cybersecurity.

Recently completed an intensive 16-week coding bootcamp with CODE Lancashire, where I gained hands-on experience in Python for data analysis & machine learning, full-stack web development, and version control (Git). This has sharpened my skills in building interactive web applications using technologies React, Next.js and working with libraries such as Pandas, NumPy, and Matplotlib.

With strong technical expertise, analytical and collaborative mindset problem-solving abilities, excellent time management, organisational skills, I can contribute positively to any team.

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 scikit-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
QC Chemistry Analyst

Sep 2023 – Dec 2023

- 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
- Excellent organisational and time management abilities, demonstrated by balancing university, part-time work, and extracurricular commitments.

Pfizer | Dublin
 QC Chemistry Analyst

Oct 2023 - May 2023

- 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
 Sales Advisor

Dec 2021– Oct 2022

- 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, Anaconda, Pandas, NumPy, Scikit-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
- Exceptional presentation skills developed from university study
- Always looking for ways to upskill and improve