

Nnamdi Daniel Aghanya

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<https://emocreator.github.io/Portfolio/>

Education

Coventry University – Coventry, The United Kingdom

Expected Graduation: June 2024

Computer Hardware and Software Engineering BEng (Hons, 3.9/4.0 GPA)

Relevant Coursework: Data Structures and Algorithms, Analogue Circuits and Embedded Systems, Analogue and Digital Electronics, Linear Algebra, Cyber Security.

Massachusetts Institute of Technology (MIT) – Online

Expected Graduation: June 2023

Micro Master's Program in Statistics and Data Science(3.5/4.0 GPA)

Relevant Coursework: Machine learning with python-from linear models to deep learning,

Knowledge/Skills

- Big Data & Machine Learning: Python (e.g., Scikit-learn, NumPy, Pandas, Matplotlib)
- Lab operation of electronics testing equipment including oscilloscopes, function generators, and logic analyzers
- Programming in Python, R, Java, C, C++, MATLAB, HTML, CSS, React, TypeScript, JavaScript.
- Data Science & Miscellaneous Technologies: Tableau, Microsoft Excel, Data science pipeline SQL, Google BigQuery skills (cleansing, wrangling, visualization, modelling, interpretation), Experimental design, OOP, OOD, APIs, Git.
- Linux

Work Experience

Machine Learning Junior Project manager – RD Land – Remote (Part time)

Dec 2021 – To date

Part of the machine learning team tasked with the creation and research of portable and marketable artificial intelligent partners and friends.

- Developed a self-learning Utility Discord chatbot for simulating message interactions between two individuals.
 - ✓ Derives data by scrapping the user's past messages using the discord API, feeding the data back into the bot to be used to simulate a certain individual speech pattern, using react.js.
 - ✓ Stores Admins logs and settings using MongoDB as a database
 - ✓ Uses Gpt-2 model to predict both the question-and-answer pairings by passing the question and passing semantically similar answers present in the dataset apart from the answer itself, useful when simulating how an individual reacts.
- Engineering and Deploying Front End UX infrastructure for the company for Amazon Web Services cloud
- Creating new features using Machine Learning, Three.js, A-frame & JavaScript.
- Lead a team to meet deadlines and produce optimized, high-quality environments and user interfaces for head-mounted displays (VR) and PC.
- Collaborating closely with the development team towards enhancing and implementing the product roadmap to realize the creative vision.

Adecco

Mar 2021 – Aug 2021

Warehouse Associate – team leader

- Offered friendly and efficient service to all customers

- Complied with organization policies and laws regarding sorting and delivering packages.
- Unloading delivery vehicles with forklift truck
- Making sure all stocks are labelled and stored correctly
- Mentoring new staff members, providing full training in safe handling and corporate health and safety procedures
- Ensure compliance with health and safety policy of the warehouse
- Ensure that orders are shipped to customers on time and without damage.

Shekinah Information security consultancy LTD, Bangor, WA

Jun 2019 – Jul 2019

Information Security Consultant Intern

- Collaborated with the team in creating algorithms to check the strength of client security measures.
- Responsible for creating algorithm that determines the strength of the security that protects both employers and customers' data.
- Act as a resource for other office staff members.
- Assist in updating technical and end user documentation
- Work on project planning through collaboration
- Assist in facilitating meetings and/or discussions
- Presenting showcasing results.

Certification

DataCamp – Online

May 2021

- Python Data Analyst
- Python Data Scientist

The Odin Project – Online

Expected Graduation: May 2022

A self-learning Web development training and certification

JPMorgan Chase Software Engineering Virtual Experience – Online

Dec 2021

Software engineering training and certification

Google Data Analyst Certification – Online

Dec 2021

Software engineering training and certification

Interests

Playing video games, watching movies and enjoying timeout with friends

Referees

To be provided on request.