

# Mmesoma Nwachukwu

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[Git hub profile](#) & [LinkedIn](#)

## PERSONAL PROFILE

A highly motivated, enthusiastic, and goal-driven BSc Computer Science student predicted a 1<sup>st</sup> Class Honours degree at Coventry University. Aspiring software engineer with a passion for crafting efficient and user-centric applications. Demonstrating relevant experience gained through an internship in Paradigm Finance and multiple projects. Currently working as a freelancer within the machine learning field. Eager to leverage the strong foundation in computer science, and proficiency in programming languages like C, Python, SQL, HTML, and C++. In addition, demonstrated strong problem-solving skills to contribute to innovative software projects. Passionate about enhancing skills, and knowledge in software development through placement opportunity at your company.

## INDUSTRIES SKILLS AND CERTIFICATES

**Programming Languages:** Python, C++, C, HTML, CSS, MATLAB

**Microsoft Office:** Excel, Word, PowerPoint, Outlook

**Operating Systems:** Windows 10, Linux

**Technical Skills:** Machine Learning and AI, Object Oriented Programming, Version Control, Agile Software Development, Linux programming, Web Development

**Technical Project Management:** 3 years of experience in managing technical projects during personal and educational experiences.

**Certifications:** CISCO Networking Academy: Introduction to Networks, Aptech Certificate in Programming in C, Microsoft Office Specialist in Word

## EDUCATION

**Sep 2022 to Present**                      **Coventry University**                      **BSc Computer Science (Predicted 1st)**

**Relevant modules:** Programming and Algorithms(99%); Computer Architecture(78%); Introduction to Artificial Intelligence(78%); Theory of Computation(74%); Systems and Networking(75%); Object Oriented Programming; Operating Systems and Security; Software Design; Database Management; Software Engineering, Advanced Algorithms.

**Employability modules (Volunteer Work):** Student Union Work Experience: Project Placement

**Sep 2020 to July 2021**                      **16 Plus Schools (Lagos)**                      **Canadian Foundation (A level Equivalent)**

Maths (92%), Physics (92%), English (79%), Chemistry (87%), Calculus and Vectors(78%)

**Sep 2014 to Jun 2020**                      **Grace High School (Lagos)**                      **WAEC (GCSE Equivalent )**

Further Mathematics(A), Computer Science(A), English(B), Chemistry(B), Mathematics(C)

## KEY I.T PROJECTS

**Animal Conservation Web App – Lead Developer**

**September 2023 – December 2023**

**University Group Project**

- Leading the development of a web application aimed at raising awareness and driving engagement for the preservation of endangered animals.

- Building a user-friendly interface, incorporating an endangered species database, interactive features, real-time updates, and social media integration.
- Using HTML, CSS, and JavaScript for the front-end development, SQL for the databases, API integrations, and Python Django web frameworks for the backend.

**Pokemon text-based game – Lead Developer**

**January 2023 - March 2023**

**University Group Project**

- Spearheaded the design and developed a text-based Pokémon game that captures the essence of the Pokémon universe through interactive gameplay and strategic decision-making using C++ and object-oriented programming

**News telling chatbot – Lead Developer**

**September 2022 - December 2022**

**University Group Project**

- Created a chatbot to deliver real-time news updates and engage users in interactive conversations, enhancing user access to current events and information. Used Python NLP libraries like NLTK for understanding natural language processes and News APIs for real-time updates

**Tic-Tac-Toe Graphical game – Creator**

**June 2023 - July 2023**

**Personal Project**

- Created a digital version of the classic Tic Tac Toe game using Python, offering players an engaging and interactive gaming experience. I used Python’s Tkinter library for the graphical user face

**RELEVANT EXPERIENCE**

**Sep 2021 – December 2021**

**Paradigm Finance**

**Software Engineering Intern**

- **Security Best Practices:** Implementing and adhering to security best practices in software development to safeguard sensitive financial data and ensure compliance with industry regulations.
- **Version Control:** Using version control systems such as Git to manage code changes, track progress, and collaborate effectively with other team members.
- **Code Reviews:** Participating in code reviews to ensure code quality, readability, and adherence to coding standards. Offering feedback and making improvements based on feedback received.
- **Soft Skills:** Learned valuable soft skills like effective communication and collaboration with team members, patience, organization, time management, critical thinking, resourcefulness, and building a strong work ethic.

**August 2023 – Present**

**Uzuri Tribe**

**Artificial Intelligence Developer**

- Designing, developing, and maintaining an interactive Dialogflow chatbot tailored for the skin care industry, providing real-time responses and assistance to customer inquiries.
- Utilized Dialogflow's natural language processing (NLP) capabilities to ensure the chatbot could understand and respond effectively to user intents and context.
- Currently implementing more updates to the chat box and monitoring maintenance

**Volunteer experience** – Member of the media and education team in Limbrick Wood Baptist Church, Working with the Student Union in the Sports and Societies in Coventry University

**INTERESTS AND ACHIEVEMENTS**

- Awarded a £2000 scholarship to study Machine Learning and Artificial Intelligence from Amazon Web Services(AWS).
- Awarded a Scholarship from Santander to further my education in university.
- Participated in the Revolutions in Engineering 2-week internship at Imperial College London
- Won the award for Best Canadian Foundation Student in 16 Plus Schools.
- Microsoft Office Specialist Award in Word
- Football- Member of the football society at Coventry University and captain of my football team.