

Ebube Ebokosia

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EDUCATION

TECHNOLOGICAL UNIVERSITY OF THE SHANNON: MIDLANDS

Bachelor of Engineering in Computer Engineering

Relevant Coursework: Data Analysis, Software Engineering; Operating Systems; Algorithms; Networks

Ireland, Athlone

Expected May 2026

HFARM INTERNATIONAL SCHOOL

International Baccalaureate Diploma Programme

Italy, Venice

Sept 2021 - Jul 2023

WORK EXPERIENCE

MASTERCARD CYBERSECURITY

JP Morgan

Remote

Nov 2021 – Mar 2022

- Developed deep understanding of various cyber threats and importance of proactive security measures, Created a phishing email simulation as part of an internship project.
- Implemented security measures to ensure simulation was conducted ethically and in compliance with industry guidelines, Demonstrated strong attention to detail, critical thinking, and problem-solving skills throughout internship.

UNIVERSITY PROJECTS

ENHANCED JAVA APPLICATION FOR 2D ARRAY MANIPULATION

Feb 2024

- Developed a Java application that initializes a 5x5 2D array of random integer
- Implemented features to display neighboring values, calculate the total and average of neighboring values, Optimized the application to provide a seamless user experience and valuable insights to users

ARDUINO BASED TRAFFIC LIGHT

Apr 2024

- Developed an Arduino-based traffic light system and simulated it using Proteus software.
- Designed the hardware setup including an Arduino Uno board, red/yellow/green LED lights, resistors, and breadboard.
- Microcontroller programming (Arduino), Schematic design and circuit implementation, Software simulation and testing (Proteus), Problem-solving and project management.

ACTIVITIES

WOMEN IN ENGINEERING

Chairperson

Tus Athlone, Ireland

Apr 2024 – Present

- Organized impactful events, workshops, and initiatives to support women in engineering, Provided resources, support, and mentoring opportunities to female engineering students
- Evaluated and improved initiatives to better serve the needs of female engineering students

MUSIC SOCIETY

Chairperson

Tus Athlone, Ireland

Oct 2023 – Present

- Led and managed a dynamic music society, overseeing all aspects of its operations including event planning, member recruitment, and budget management
- Organized and executed a variety of successful musical events such as concerts, recitals, workshops, and competitions

ADDITIONAL

Technical Skills: Javascript, HTML/CSS; Proficient in MATLAB, Python, Java

Languages: Fluent in English, Conversational Proficiency in Italian