Ebube Ebokosia

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EDUCATION

TECHNOLOGICAL UNIVERSITY OF THE SHANNON: MIDLANDS　　　　　　　　　Ireland, Athlone
Bachelor of Engineering in Computer Engineering　　　　　　　　　　　　　　Expected May 2026
Relevant Coursework: Data Analysis, Software Engineering; Operating Systems; Algorithms; Networks

HFARM INTERNATIONAL SCHOOL　　　　　　　　　　　　　　　　　　　　Italy, Venice
International Baccalaureate Diploma Programme　　　　　　　　　　　　　　　Sept 2021 - Jul 2023

WORK EXPERIENCE

Ericsson　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　Athlone,Ireland
Student Intern　　　　　　　　　　　　　　　　　　　　　　　　　　May 2025 – September 2025
- Worked on a research-driven project focused on power saving strategies in Cloud RAN infrastructure. Gained hands-on experience with tools such as SSH for remote access, Grafana for data visualization, IPMI for hardware-level monitoring, and Prometheus and InfluxDB for metrics collection and time-series data management
- Responsible for delivering detailed monthly presentations to stakeholders, outlining technical progress, implementation challenges, and optimization results.
- Assisted in teaching and mentoring students in the Infuse program, covering C++, Python, HTML, and CSS

MASTERCARD CYBERSECURITY　　　　　　　　　　　　　　　　　　　　　　Remote
JP Morgan　　　　　　　　　　　　　　　　　　　　　　　　　　　　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.

NETWORK SIMULATION TOOL:　　　　　　　　　　　　　　　　　　　　　　Apr 2024
- Proficient in Cisco Packet Tracer for designing, simulating, and troubleshooting network topologies
- Developed and tested various network scenarios, enhancing skills in troubleshooting and problem-solving.
- Collaborated with team members to simulate real-world networking challenges, contributing to improved project outcomes..

ACTIVITIES

WOMEN IN ENGINEERING　　　　　　　　　　　　　　　　　　　　Tus Athlone, Ireland
Chairperson　　　　　　　　　　　　　　　　　　　　　　　　　　　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   Tus Athlone, Ireland
Chairperson   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

REFERENCE

Name: Badiuzzaman Iskhandar Email: badiuzzaman.iskhandar@gmail.com Number: +353 86 085 7637 (Software developer at Ericsson)	Name: Chaira Schettino Email: chiara@donarosso.it Number: +39 3392929133 (CEO Rosso)