Udechukwu Francis Chidubem

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# Professional Summary

Detail-oriented Electrical/Electronic Engineering graduate with strong knowledge in renewable energy systems, embedded systems, and electronic circuit design. Skilled in web and mobile development, video editing, and problem-solving with a keen interest in business and technology. Experienced in solar energy applications through internships and academic projects. Passionate about leveraging technology and innovation to create sustainable solutions.

# Education

**Caritas University, Enugu, Nigeria**Bachelor of Engineering (B.Eng.), Electrical/Electronic Engineering  
Expected Graduation: 2025

# Experience

**Intern, Greenage Technologies (Renewable Energy Company) – Enugu, Nigeria**June 2024 – September 2024  
- Assisted in the installation and maintenance of solar PV systems.  
- Gained hands-on experience with renewable energy technologies.  
- Supported engineers in troubleshooting and testing components.

# Projects

**Solar Powered Arduino Nano-Based Egg Incubator – Final Year Project**- Designed and implemented an automated egg incubation system powered by solar energy.  
- Integrated sensors with Arduino Nano for temperature and humidity control.  
- Improved energy efficiency and system reliability in off-grid environments.

**Soap Production (Entrepreneurial Project)**- Initiated a small-scale soap-making business to explore product development and sales.  
- Developed skills in entrepreneurship, business management, and customer relations.

# Skills

- Renewable Energy Systems (Solar PV, Battery Systems)  
- Embedded Systems (Arduino, Microcontrollers)  
- Web & Mobile Development  
- Video Editing & Content Creation  
- Public Speaking & Communication  
- Problem Solving & Critical Thinking  
- Business Development & Entrepreneurship

# Certifications & Training

Solar Energy Internship – Greenage Technologies, Enugu (2024)