ENOCH OWOADE

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•https://github.com/Enochteo

EDUCATION

Grambling State University– Grambling, LA
December 2024
Bachelor of Science in Engineering Technology , GPA: 4.0/4.0
Relevant coursework: • Renewable Energy Systems • Principles of Electric Circuits • Circuit Design & Analysis • Microcontroller Systems • AutoCAD • Calculus I, II & III • Probability and Statistics
Honors & Awards: **President's List**: Spring 2024, Fall 2024. E.L. Cole Honours College Inductee.

SKILLS & CERTIFICATIONS

- **Softwares**: Python, C/C++, MATLAB, Arduino, AutoCAD, SolidWorks
- **Engineering Expertise:** Sensor Integration, Circuit Design, Renewable Energy Systems, Real-Time Programming
- **Certifications**: Electronics Foundations: Basic Circuits and Fundamentals - Linkedin Learning, Become an Arduino Developer - Linkedin Learning, Electronics Foundations: Semiconductor devices

EXPERIENCE (reverse chronological order)

Louisiana AeroSpace Catalyst Experience for Students - Engineering Intern | Grambling, LA. March 2024 – Present
- Improved date signal transfer stability by 25% and reduced telemetry latency by 15% through the design and testing of a high-altitude balloon payload.
- Integrated temperature, pressure, and humidity sensors for atmospheric analysis above 100,00 feet.
- Gained skills in circuit design, real-time programming, soldering and sensor calibration, project management, through hands-on activities and NASA developed materials
- Utilized: Arduino Mega 2560, GPS Logger, SkeeterSat, BalloonSat controller and environmental sensors

Student Retention Office (GSU) - Academic Coach and Tutor | Grambling, LA June 2024 – Present
- Provided personalised guidance and study strategies, boosting student confidence and subject mastery.
- Created tailored study plans for 20 students, yielding 2% grade improvement in STEM subjects.

PROJECTS (most relevant first)

SolCare | Hack Princeton Fall 2024 Github
- Accomplished a 20% improvement in solar panel energy efficiency and a 15% extension in panel lifespan by implementing real-time IoT-based sunlight tracking and temperature control systems.
- Utilized: Arduino, IoT protocols, C programming Language, Solar panel hardware and environmental sensors (DHT 22 and LM 335).

LEADERSHIP & AFFILIATIONS

CodePath |Community Member | Remote January 2025 – Present
TMCF Citi HBCU Incubator Program | Citi Scholar | Remote December 2024 - Present
National Society of Black Engineers |Member | Grambling Chapter January 2024 – Present