

ENOCH OWOADE

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EXPERIENCE

*Louisiana AeroSpace Catalyst Experience for Students, **Engineering Intern***
Feb 2024 - May 2024

- Developed a balloon payload integrating temperature, pressure, and humidity sensors for atmospheric analysis above 100,000 feet, demonstrating basic manufacturing system knowledge and real-time programming skills.
- Gained skills in circuit design, real-time programming, soldering, and sensor calibration through hands-on activities and NASA-developed materials.
- Utilized Arduino Mega 2560 development board, GPS Shield, Bluetooth shield, and environmental sensors including diodes and thermistors.

*Student Retention Office (GSU), **Academic Coach and Tutor***
Jun 2024 - Present

- Provided personalized guidance and study strategies, resulting in a 2% grade improvement in STEM subjects.
- Created tailored study plans for 20 students, enhancing their understanding and performance.
- Demonstrated strong mentoring and coaching skills, contributing to improved academic outcomes.

EDUCATION

Grambling State University

*Bachelor of Science • **Engineering Technology, minor in Computer Science** • Jan 2024 - Present*

Relevant coursework: • Principles of Electric Circuits • Circuit Design & Analysis • Microcontroller Systems • Calculus I,II,&III • Physics I & II • AutoCAD • Calculus I, II & III • Probability and Statistics I. Honors & Awards: President's List: Spring 2024, Fall 2024. E.L. Cole Honours College Inductee.

LICENSES & CERTIFICATIONS

Become an Arduino Developer

Linkedin Learning •

Python Certification

HackerRank •

Electronics Foundations: Basic Circuits and Fundamentals

Linkedin Learning •

3D CAD Fundamentals

Taiwan University (Coursera) •

Electronics Foundations: Semiconductor devices

Linkedin Learning •

Cs50 Introduction to programming with python

edX •

SKILLS

Python • C • MATLAB • Arduino • AutoCAD • SolidWorks • Sensor Integration • Circuit Design • Renewable Energy Systems • Real-Time Programming

HONORS & AWARDS

President's List

E.L. Cole Honours College Inductee