ENOCH OWOADE

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EXPERIENCE

Louisiana AeroSpace Catalyst Experience for Students, **Engineering Intern**
Feb 2024 - May 2024
Developed a balloon payload that 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 tools such as 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 personalised guidance and study strategies, boosting student performance and subject mastery.
Created tailored study plans for 20 students, yielding 2% grade improvement in STEM subjects.

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