

# Enoch Owoade

6892803920 • enochowoade@gmail.com • Grambling, LA • [www.linkedin.com/in/enoch-owoade-1049612a7](https://www.linkedin.com/in/enoch-owoade-1049612a7)

## SUMMARY

Engineering student with expertise in semiconductor physics, materials characterization, and nano-fabrication. Passionate about advancing semiconductor technology through research and innovation.

## KEY SKILLS

• **Advanced Data Analysis** • **Embedded Systems** • **Data Collection & Management** • **Research and Technical Writing** • **Leadership and collaboration** • **Problem solving and Critical thinking** • **Teaching and Mentorship**

## INTERNSHIP

### Embedded System Engineering Intern

January 2024 - May 2024

LOUISIANA SPACE GRANT CONSORTIUM'S LOUISIANA AEROSPACE | Grambling, LA  
CATALYST EXPERIENCES FOR STUDENTS (LAACES) PROGRAM

#### Sensor Technology Integration for High-Altitude Data Collection

- Collaborated with a team of engineers to seamlessly incorporate cutting-edge LiDAR and Thermal Imaging sensor technology into the high-altitude payload, enabling **precise temperature measurements at various altitudes** and boosting data collection efficiency by 40%

#### Communication System Enhancement for Enhanced Data Collection

- Supported the optimization and testing of the payload's communication system utilizing **SkeeterSat, Arduino Mega2560, and a GPS Logger**, resulting in achieving data transmission rates of up to 95%

## RESEARCH EXPERIENCE

### Student Researcher

June 2024 - October 2024

Grambling State University - Mathematics and Physics Department | Grambling, LA

- Authored an exhaustive nanoparticles research report outlining findings and experimental methodology, featured in the esteemed peer-reviewed journal **Science**, garnering a broad readership of over 500 researchers
- Leveraged advanced data analysis tools to interpret results and identify **key trends**, resulting in a 30% enhancement in the accuracy of characterizations
- Developed and refined critical communication, teaching, active listening, and problem-solving skills while collaborating with interdisciplinary teams.

## EDUCATION

### Bachelor of Science in Electronics Engineering Technology

January 2024

Grambling State University | Grambling, LA

- GPA: 4.0/4.0
- Relevant Coursework:
  - Electronic Devices | Engineering Materials and Processing | Computer Application | Probability and Statistics | Calculus | Electronic Foundations: Semiconductor devices | Technical Writing | Physics I and II

## LICENSES AND CERTIFICATES

- Become an Arduino Developer: C programming for Embedded Applications, Electronic foundations: Semiconductor Devices, Electronics Foundations: Basic Circuits and Fundamentals, Soldering for electronics, C++ Essential Training – LinkedIn learning.

## LEADERSHIP & CAMPUS EXPERIENCE

- Led community service initiatives and **organized leadership workshops for students** as an active member of the National Society of Leadership and Student Success in Grambling, LA since June 2024

- Organized networking events and led diversity initiatives in STEM as an active member of the National Society for Black Engineers since January 2024.
- Contributed to the Association for Computing Machinery in Grambling, through **projects and events**, utilizing HTML, CSS, and JavaScript.