

## ENOCK OWOADE

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### EDUCATION

Grambling State University

B.S. in Electronics Engineering Technology, Minor in Computer Science

Expected Graduation: December 2027

Relevant Coursework: Data Structures & Algorithms, Software Engineering, Intro to Embedded C, Intro to Computer Science with Python, Microcontroller Systems, Technical Interview Prep

### TECHNICAL SKILLS

- Languages: Proficient in Python, C++, HTML/CSS, Basic knowledge of JavaScript
- Frameworks/Tools: Experienced in Django, Git, VS Code, Linux
- Hardware/Embedded: Skilled in Arduino, ESP32, Sensors, PCB Repair
- EdTech & AI Tools: Familiar with TensorFlow, OpenCV, curriculum prototyping, slide development
- Other: Proficient in Agile/Scrum, Version Control

### EXPERIENCE

Software Developer | Service Learning Grambling State University | Grambling, LA | January 2024

- Developed and deployed a full-stack Django platform for student event registration, improving process efficiency for hundreds of users.
- Implemented secure user authentication and automated email confirmations, enhancing platform security and user engagement.
- Designed and optimized UX/UI for accessibility and seamless user experience.

Research Intern | Louisiana AeroSpace Catalyst Experience for Students | Grambling, LA | Feb 2024 – Sept. 2024

- Executed embedded programming and system calibration for high-altitude balloon experiments, ensuring data accuracy.
- Analyzed complex sensor data and provided accessible summaries for educators and stakeholders.
- Conducted STEM experiment presentations for K-12 students and community outreach audiences.

CodePath: Data Structures and Algorithms– Learner | January 2024 – Present

- Actively participated in group reviews, focusing on peer teaching and explaining complex algorithmic solutions.
- Engaged in mock technical interviews and coding assessments, improving problem-solving skills in a simulated environment.
- Developed proficiency in solving complex algorithmic problems using Python.

### PROJECTS

SolCare | Solar Panel Sun Tracking System | Hack Princeton Fall 2024 Github

- Built an IoT system using Arduino, LDR sensors, and servo motors for teaching environmental impact of energy systems.
- Monitored solar panel efficiency in real-time through voltage and environmental sensors.
- Ideal for K–12 STEM curriculum modules on sustainability, solar energy, and automation.

AI-Powered Résumé Analyzer

- Developed a resume analyzer using natural language processing and AI models to improve job readiness.
- Designed an interactive web interface for personalized résumé feedback and ATS keyword alignment.

### EXTRACURRICULAR, LEADERSHIP & AWARDS

- NSBE Member – Led mentorship activities for high school STEM students
- TMCF Citi HBCU Incubator Scholar – Selected for tech/career development bootcamps
- Hackathons: Hack Princeton, campus DSA coding events
- Honors: President's List (3x), Earl Lester Cole Honors College, Alpha Lambda Delta Honors Society