

# Munashe Langton Mukweya

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## EDUCATION

### Grambling State University

Grambling, LA

Bachelor of Science in Computer Science & Cybersecurity | **GPA: 3.9/4.0**

May 2027

**Awards:** Earl Lester Cole Honors College Inductee, Full Academic Scholarship, 3x President's List Honoree

**Relevant Coursework:** Data Structures & Algorithms, Software Engineering, Computer Architecture

**Activities:** ColorStack, CodePath, Code2040, Math Club, Chess Club, GSU ACM Chapter

## SKILLS

**Languages:** C++, Python, C#, Java, Kotlin, Go, JavaScript, TypeScript, HTML/CSS, SQL

**Frameworks & Libraries:** React, Node.js, Angular, Express, Next.js, Django, Unittest

**Tools & Technologies:** MySQL, PostgreSQL, AWS, Git, Docker, Redis, Linux, Bash

## PROJECTS

### Onus | Python, FastAPI, TypeScript, Docker, Langchain

[GitHub](#)

- Developed a scalable backend system using **FastAPI** and **Docker** to automate continuous greenhouse-gas emissions reporting and verification, reducing manual effort by **40%**
- Engineered an **RAG** pipeline using a **vector database** and **Sentence Transformer** embeddings, enabling **Gemini LLM** to perform semantic retrieval of regulatory text, for accurate compliance analysis
- Implemented **role-based access control (RBAC)** and data isolation to support secure, multi-tenant access, while maintaining facility data integrity and transparency

### EasyCollab | JavaScript, OpenAI API, Notion

[Live App](#) | [GitHub](#)

- Owned development of the **AI** recommendation feature for a full-stack collaboration platform, integrating an **OpenAI** model to suggest projects based on user skills and interests
- Improved generated content accuracy by **60%** by engineering a data pipeline connecting **Notion** and an **AI model**, transforming project data into structured context

## EXPERIENCE

### Code2Career Program – Fellow

July 2025 – Oct 2025

Google

Remote

- Selected as one of **219** students from **2,600+** applicants for a 10-week mentorship with a Google Software Engineer focused on technical interview prep
- Collaborate with engineer, solving 5 coding challenges weekly and strengthening problem-solving and interview skills

### IT Support – Student Technology Center

Sep 2024 – Present

Grambling State University

Grambling, LA

- Increased system reliability by resolving hardware and software issues on Windows and Mac environments for **200+** users, decreasing issue occurrence by **80%**
- Reduced incidents of system misuse by **90%** by creating instructional guides that reinforced account security procedures for **200+** users

### Research Assistant - Department of Math and Physics

Sep 2024 – Dec 2024

Grambling State University

Grambling, LA

- Improved research efficiency by **60%** by conducting experiments to analyze solar cell performance with source meters and **LabVIEW** under varying material constraints
- Expedited onboarding for new researchers by developing structured lab reports with **Excel**, documenting experimental results for a 6-person team