

FAVOUR OZIOMA UMEJESI

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EDUCATION

Grambling State University

Bachelor of Science in Computer Science & Data Analytics (UG Certificate Program)

Expected Graduation: May 2028

GPA: 4.0/4.0

Relevant Coursework: Computing in Python, Object-Oriented Programming, Probabilities & Statistics I, Calculus 1 & 2, Data Structures & Algorithms, Introduction to Data Analytics

Awards: Achievement Award Scholar, Presidential Scholar

TECHNICAL SKILLS

Languages: Python, HTML5, CSS3, JavaScript, Go (Golang)

Frameworks & Libraries: Tailwind CSS, Node.js, React, Next.js, NumPy, Pandas, Matplotlib, Scikit-Learn

Tools: APIs, VS Code, MongoDB Atlas, Git, GitHub, Vercel, Kubernetes

EXPERIENCE

Platform Engineering Intern

June 2025 - Present

Netskope (Security Intelligence Operations Team)

Santa Clara, CA

- Managed secure platform access for engineering teams through **Okta** and **Kubernetes** (Rancher), implementing a structured ticketing system that increased workflow efficiency by 80%.
- Developed automation scripts** in **Python** and **Golang** for SSL certificate deployment workflows, achieving 40-50% improvement in operational efficiency.

AI Extern

Feb. 2025 – April 2025

PwC X Automation

Remote

- Completed 10-week AI externship, automating finance document processing using **NLP** and **Python** libraries (**PyPDF2**, **pdfplumber**), resulting in an 80% reduction in processing time for 5+ documents.
- Built and deployed **OCR + Label Studio** pipelines, extracting structured data from 5+ types of financial documents, improving data processing speed by 75% and accuracy by 90%.
- Designed and tested **RAG pipelines** using **Mistral B** and **LlaMA Index**, delivering an AI-powered concept that automated mortgage document classification and insights extraction, reducing manual underwriting tasks by 80%.

PROJECTS

AgriSmart

- Built an agricultural platform for African farmers featuring inventory management, investor matchmaking, and **AI-powered** consulting using **Next.js**, **FastAPI**, **PostgreSQL**, and **Firebase** to handle secure multi-role user flows.
- Integrated an **LLM-powered** farming assistant (**LangChain + Mistral-7B**) for personalized advice and **Stable Diffusion** for automated logo generation, enabling farmers to receive operational guidance and create digital marketing materials.

Binary Classification Model (DataSpark Datathon)

- Led a 4-member team to develop a binary classification model predicting smoking status from bio-signal data on **Kaggle**, achieving **79% accuracy** and **0.87 AUC-ROC**; ranked **Top 4** in 10+ submissions.
- Engineered features and visualized trends using **Pandas**, **NumPy**, **Matplotlib/Seaborn**; optimized a **Random Forest Classifier** to boost accuracy by **10%** over **Logistic Regression**, enabling data-driven healthcare interventions.

EcoTrack

- Developed a responsive web application using **HTML**, **CSS**, **JavaScript**, and **Chart.js** to calculate and visualize carbon emissions, leveraging the **Carbon Interface API** for accurate data.
- Engineered a **Node.js** backend with secure **API** handling and asynchronous programming to ensure efficient processing and seamless user experience.

LEADERSHIP AND INVOLVEMENT

Notion Club (Grambling Chapter)

Grambling, LA

Treasurer

November 2024 - PRESENT

- Collaborated with a team of 9 to organize productivity workshops using Notion and co-led Grambling State's first student-run hackathon with 100+ participants, managing a \$1K+ budget and raising \$1.5K+ in sponsorships to ensure its success.

Additional Involvement: ColorStack, African Student Association, Rewriting the Code, Girls Who Code, National Society of Black Engineers, Breakthrough Tech, Association for Computing Machinery (ACM), Black Girls Code, AI4ALL.