

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, Machine Learning Foundations

Awards: Achievement Award Scholar, President's List, TMCF Scholar

TECHNICAL SKILLS

Languages: Python, HTML5, CSS3, JavaScript, Golang, SQL (MySQL)

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

Tools: APIs, VS Code, PostgreSQL, Git, 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 a 10-week AI externship, automating finance document workflows using **NLP**, **Computer Vision**, and **Python** (**PyPDF2**, **PyMuPDF**), reducing manual processing by 80% for 5+ document types.
- Annotated 5+ financial documents using **OCR** and **Label Studio**, extracting structured data from appraisals, bank statements, and invoices with 90% accuracy and 75% faster processing time.
- Built **RAG pipelines** with **LlaMA Index**, **Mistral-7B** and **LangChain's RetrievalQA**, using metadata filtering and vector search to automate classification and insights from mortgage documents, 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

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