FAVOUR OZIOMA UMEJESI

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EDUCATION

Grambling State University   **Expected Graduation: May 2028**
Bachelor of Science in Computer Science & Data Analytics (UG Certificate Program)   **GPA: 4.0/4.0**
Relevant Coursework: Computing in Python, Object-Oriented Programming, Probabilities & Statistics I, Calculus 1 & 2, Introduction to Data Analytics
Awards: Achievement Award Scholar, Presidential Scholar

TECHNICAL SKILLS

Languages: Python, HTML5, CSS3, JavaScript, R
Frameworks & Libraries: Tailwind CSS, Chart.js, Node.js, React, NumPy, Pandas, Matplotlib, Scikit-Learn
Tools: APIs, Figma, VS Code, MongoDB Atlas, Git, GitHub, Vercel, Jupyter Notebook

EXPERIENCE

Goldman Sachs   **Remote**
Possibilities Summit Participant   *January 2025 – PRESENT*
- Gaining exposure to auditing, tax, and risk through interactive sessions and hands-on role simulations via Forage.
- Collaborated with diverse students from various universities and engaged in monthly workshops led by industry professionals to enhance knowledge of financial markets, risk management, and corporate strategy.

PwC X Outamation   **Remote**
Extern   *March 2025 – April 2025*
- Completed 10-week AI externship, automating finance document processing using **NLP** and **Python** libraries (**PyPDF2**, **pdfplumber**), resulting in 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

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.

Calm (Front-end Developer, Database Designer)
- Collaborating with a team to build a mental well-being web application using the **MERN** stack, implementing features like breathing exercises, gratitude reflection, real-time psychologist connections via **Socket.io**, and AI-powered sentiment analysis with **Hugging Face API** for mood tracking and personalized avatars.
- Designed and developed secure **MongoDB** database collections, schemas, and models to store user information and support dynamic application functionality.

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 teach students productivity techniques using Notion and co-led the first student-organized Hackathon in Grambling State University, engaging over 100 participants, resulting in 5+ innovative projects.
- Managed a $1K+ budget, tracked expenses, and spearheaded fundraising efforts that secured $1500+ in sponsorships, ensuring the successful execution of the hackathon within budget constraints.

Additional Involvement: ColorStack, African Student Association, Rewriting the Code, Girls Who Code, National Society of Black Engineers, Women in Technology (Grambling Chapter), Association for Computing Machinery (ACM), Black Girls Code.