Eniola Akinpelumi

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EDUCATION

Grambling State University | **Expected Graduation May 2028**
Bachelor of Science, Computer Science | *Grambling, LA*

EXPERIENCE

Assistant Team Advisor – Artificial Intelligence | **June 2025 – July 2025**
National Student Leadership Conference (NSLC) | *UC Berkeley, CA*
- Improved instructional efficiency by 20% by developing pre-lecture summaries and reinforcement activities for AI topics such as machine learning, neural networks, and NLP
- Collaborated with instructors from Harvard/MIT-led Inspirit AI to bridge advanced lectures with hands-on learning, enhancing curriculum cohesion
- Instructed and mentored 12–16 high school students daily in AI concepts including algorithm design, data analysis, computer vision, and neural networks, resulting in measurable growth in student engagement and understanding through simplified delivery of complex technical content

Team Advisor – Cybersecurity | **July 2025**
National Student Leadership Conference (NSLC) | *John Hopkins University, MD*
- Participated in professional development through academic field trips to prestigious institutions including the FBI, Naval Sea Systems Command (NAVSEA), National Cryptologic Museum, and Google
- Instructed and mentored 12-16 high school students daily in cybersecurity fundamentals including network security, ethical hacking, digital forensics, and encryption through interactive workshops and technical sessions
- Facilitated hands-on learning experiences covering threat analysis, penetration testing, and malware investigation, making complex technical concepts accessible to pre-college students

PROJECTS

Hermes | *React.js, JavaScript, HTML/CSS, Gemini API, Groq API, Python, Git* | **June 2025**
- Contributed to a 3-person team that pivoted mid-hackathon from a broken third-party API to a fully custom Gemini+Groq stack, delivering a working MVP within 24 hours
- Integrated Google Gemini for conversational capabilities and Groq for high-speed summarization, enhancing user experience with instant, intelligent responses.
- Built and optimized the frontend using React.js, focusing on seamless UI/UX, real-time responsiveness, and clean integration with backend APIs
- Focused on solving a real-world issue: supporting small business visibility and enabling smart, localized shopping in post-pandemic urban areas

FoodVisison | *JavaScript, Clarifai API, Edamame API, Git* | **Sept. 2024**
- Led a team of 4 to develop FoodVision, an AI-powered meal planning web application, securing 2nd place out of 15 teams by integrating computer vision with recipe recommendations
- Developed image-to-ingredient extraction using Clarifai's AI model, achieving 95% accuracy in ingredient recognition and processing 100+ test images during live demos.
- Architected full-stack JavaScript solution with modular code design, ensuring scalable API integration and smooth frontend-backend communication.

TECHNICAL SKILLS

Languages: Python, C/C++, SQL, PostgreSQL, JavaScript, HTML, CSS, PHP
Frameworks: React, Node.js, Flask, FastAPI, SQL Alchemy,
Developer Tools: Git, Docker, Google Cloud Platform, VS Code, Visual Studio, PyCharm, Eclipse, Google Colab, Jupyter Notebook
Libraries: Pandas, NumPy, Pytorch, Leaflet, Seaborn
Certifications: Credly