Chawana Cleveland Kazunda

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SUMMARY

I am a Computer Science student at Grambling State University, with a focus on machine learning (ML) and cybersecurity research. I am proficient in Python, C++, and JavaScript. I am passionate about learning and being coached by professionals to help improve in my field and build meaningful connections.

EDUCATION

Grambling State University **GPA: 3.85** **Spring 2028**
Bachelor of Science in Computer Science *Grambling, Louisiana*

TECHNICAL SKILLS

Languages: Python, C++, HTML/CSS, JavaScript, TypeScript
Developer Tools: VS Code, JetBrains, Jupyter Notebook
Technologies/ Frameworks: GitHub**,** ReactJS, MongoDB, SQL, FastAPI, PyTorch

PROJECTS

*WEEBRaphael (AI Chatbot***)**

- AI-powered chatbot using Python and Flask to recommend anime titles on user prompts
- Integrated MongoDB for dynamic user profile management, enabling persistent storage of watch history and preferences to refine recommendations
- Designed a conversational interface using **NLP techniques** to interpret diverse user inputs
- Implemented **RESTful API's** and asynchronous data handling to support real-time communication between the chatbot and backend services

Book Recommendation System – Content-Based NLP recommender

- Built a content-based recommendation system using **Natural Language Processing (NLP)** techniques like **TF-IDF vectorization** and cosine similarity.
- Processed and cleaned book metadata to generate intelligent book suggestions based on title similarity.
- Delivered an interactive command-line interface for querying and retrieving relevant book recommendations.

Stroke-Connect – Stroke Unit Management Dashboard

- Built a full-stack web application using **FastAPI** (backend) and **React.js with Vite** (frontend) to manage stroke patient records with role-based access (doctor, nurse, patient).
- Designed a role-based access system where users have tiered permissions (e.g., doctors can add treatments; patients can only view their records).
- Added **authentication and authorization** logic, including secure login and conditional UI rendering based on user role.

EXPERIENCE

PwC Remote Extern, *PwC x Extern in collaboration with DVP Urban Justice*

- Researched and compiled a **philanthropic landscape summary** highlighting key trends in human services and equity-focused giving, including donor motivations and values-based strategies.
- Researched giving behaviors and motivations to develop detailed donor profiles that support more personalized and effective fundraising strategies.
- Designed and presented a professional fundraising strategy to help the development team improve donor engagement and communication.

Research Assistant, *Louis Strokes – Louisiana Alliance of Minority Participation*

- Conducted research in the toxicology lab utilizing machine learning techniques and data analytics.
- Explored cybersecurity principles and data protection strategies to research data management, ensuring the integrity and security of collected information.

AWARDS AND HONORS

Presidential Scholarship Recipient, Grambling State University, August 2024
Data & Artificial Intelligence, IBM SkillsBuild, November 2024
Cybersecurity & Zero Trust Principles, IBM SkillBuild, November 2024