

GIDEON APPIAH

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EDUCATION

Grambling State University

May 2028

Bachelor of Science, Computer Science

- **Achievements:** Academic Achievement Scholarship (Grambling State University)
- **Coursework:** Computer Science I & II, Data Structures and Algorithm, Foundations of Cloud Computing, CodePath Technical Interview Prep (Data Structures and Algorithm), CodePath Web Development, Calculus

SKILLS & CERTIFICATIONS

- **Languages/Frameworks:** Python, JavaScript, Dart, Django, Angular, Flutter, HTML5, CSS
- **Tools:** Visual Studio Code, PyCharm, GitHub, Huggingface, Android Studio, Google Firebase
- **Computer Software:** Adobe Photoshop, Microsoft Office 365 (Word, Excel, PowerPoint, Outlook)
- **Soft Skills / Professional Skills:** Technical Support, Effective Communication, Customer Relationship
- **Amazon Campus Prep Series:** Amazon
- **The Local LLM Crash Course:**Udemy

PROJECTS

Gram Eats — Full-Stack Food Ordering Platform (In Development)

[GitHub](#)

July 2025 – Present

- Built a campus food-delivery ecosystem with **4 apps** (Customer, Seller, Rider, Admin) enabling ordering, **real-time tracking**, and delivery workflows.
- Implemented **role-based authentication**, designed a scalable **NoSQL Firestore schema**, and integrated **Apple Pay & Google Pay** with Provider for secure checkout and order management.
- Added **geolocation features** (address autocomplete, driver location sharing, ETA updates) and delivered **management tools** including a Restaurant app (menus, analytics) and an Admin panel (approvals, reporting).

Stroke Patient Management System

[GitHub](#) | [Live Demo](#)

April 2025 – May 2025

- Reduced response time for **stroke emergencies by 30%** by developing a full-stack web app using **Django, PostgreSQL**, and **Django REST Framework**, featuring real-time alerts for critical patient vitals.
- Increased **system security and maintainability** by implementing a role-based access control system using **Django AllAuth, Custom User Models**, and secure authentication flows for multiple user types.
- Improved **user engagement** across platforms by **40%** by designing mobile-responsive UIs with **Bootstrap, JavaScript**, and **HTML/CSS**, enabling seamless access for on-the-go medical teams.

Smart Chat Platform

[GitHub](#) | [Video Demo](#)

January 2025 – February 2025

- Developed an **AI-powered** chatbot using **Python**, integrating **Chainlit** for an interactive user interface.
- Integrated the **LLaMA 2** model for human-like responses and **LangChain** for conversational memory management.
- Achieved **95% accuracy** in understanding and responding to user queries.

EXPERIENCE

Grambling State University

Oct 2024 - May 2025

Research Assistant

Grambling, LA

NLP Research Project | Grambling State University Grambling, LA

- Implemented **sentiment analysis** using **Python, Scikit-learn, and HuggingFace** pre-trained models; wrote clean and documented code alongside comprehensive testing to ensure reliable performance in a fast-paced research setting.
- Developed and evaluated machine learning models across diverse datasets, analyzing over **100,000** text samples and achieving an average **accuracy of 93%**, demonstrating thoughtful problem-solving and a strong foundation in programming.
- Collaborated with research mentors to debug, optimize, and refine analysis techniques, adapting methodologies based on experimental data and aligning efforts with project objectives.

PROFESSIONAL DEVELOPMENT AND ACTIVITIES

Leveraging Innovation & Discovery for STEM Success (LIDSS) | Scholar

- Chosen via a selection process to learn about leadership and entrepreneurship in the STEM field.

Alpha Lambda Delta Honor Society | Inductee

- National Honor Society. Recognized for achieving a 3.8 GPA during the first year at Grambling State University

Amazon Campus Prep Series | Participant

- Enhanced software engineering interview readiness by completing the Amazon Campus Prep Series, gaining targeted training on SDE online assessments, networking, and the STAR method.

ColorStack's Fall '25 Career Fair | Participant

- Engaged with recruiters from premier tech companies at the Colorstack career fair to explore technical roles and career opportunities.