GIDEON APPIAH

linkedin.com/in/gideon-appiah | +1 318-605-1859 | gappiah@gsumail.gram.edu | MyPortfolio | GitHub

EDUCATION

Grambling State University   Grambling, La
Bachelor of Science in Computer Science   Expected May 2028
Relevant Coursework: Computer Science I & II, Foundations of CyberSecurity, Foundations of Cloud Computing, CodePath Technical Interview Prep (Data Structures and Algorithm), CodePath Web Development.
Awards: Academic Achievement Scholarship (Grambling State University)
Affiliations: ColorStack, Codepath, Association of Computing Machinery (ACM)

SKILLS & CERTIFICATIONS

Languages: Python, HTML, CSS, JavaScript
Tools: Visual Studio Code, PyCharm, GitHub, Huggingface.
Computer Software: Adobe Photoshop, Microsoft Office 365 (Word, Excel, PowerPoint, Outlook)
Certifications: Fundamentals of Machine Learning and Artificial Intelligence (Coursera), Getting Started with Data (IBM), Getting Started with CyberSecurity (IBM), Getting Started with AI (IBM), Introduction to Machine Learning (AWS), The Local LLM Crash Course (Udemy).

EXPERIENCE

NLP Research Project | Grambling State University   Grambling, La
Research Assistant   Oct 2024 – Present
- Conducting sentiment analysis research under the guidance of Professor Dileon Saint-Jean. Utilized Natural Language Processing (NLP) techniques and pre-trained models from HuggingFace.
- Evaluated model accuracy across various datasets to identify performance strengths and weaknesses. Successfully analyzed over 100,000 text samples, achieving an average accuracy of 93% across multiple datasets.

Mega Height Enterprise   Kumasi, Ghana
Graphic Designer   Jan 2023 – Sep 2023
- Received comprehensive training in Adobe Photoshop, Microsoft Word, and customer service, enhancing proficiency and professional skills.
- Designed event flyers, company logos, packaging designs, brochures, business cards, and social media graphics for both individuals and companies; increased current customer engagement and satisfaction by 30%.

PROJECTS

Smart Chat Platform | Python/Chainlit/Langchain   Feb 2025
- Developed a general-purpose AI chatbot using Python, leveraging advanced natural language processing (NLP) techniques. Utilized Chainlit for creating an intuitive user interface.
- Integrated the LLaMA 2 model for generating human-like responses, and LangChain for managing conversational memory, achieving 95% accuracy in understanding and responding to user queries. Smart Chat Platform GitHub Repository

Website Portfolio | HTML/CSS/Javascript   Oct 2024
- Designed and implemented a personal website that highlights my skills, education, experience, and projects using HTML, CSS, and JavaScript.
- Used GitHub Pages to create a website showcasing my skills and work history, making it accessible to potential employers and partners. MyPortfolio

Real-Time Weather App | Python/PyQt5   Jan 2025
- Built a Weather App using Python and PyQt5 as my GUI Interface, and an API key from OpenWeather to get accurate weather data from every part of the world. Reduced user confusion by implementing detailed error messages for various HTTP errors, resulting in a 75% decrease in support inquiries related to input errors.
- Successfully processed over 500 unique city queries during testing, achieving a 98% success rate in retrieving accurate weather data in less 1 second. Weather App GitHub Repository

Qr-Code Generator   Oct 2024
- Designed a program that converts any URL into a **QRCODE** image using Python programming language and qrcode libraries. https://github.com/GideonNeutron/QrCode-Generator