Gavin Morris

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EDUCATION

Louisiana State University, Baton Rouge, LA   **May 2027**
Bachelor of Science, Computer Science   GPA: 3.52
Minor: Mathematics

PROJECTS

AI Chat Bot - https://github.com/Gavin-Morris-04/AI-Chat-Bot   **December 2024**
- Designed and implemented a terminal-based AI chatbot using Python, providing a secure and efficient local interaction environment.
- Leveraged the Ollama platform to enhance chatbot functionality, demonstrating proficiency in integrating AI tools into Python applications.
- Built the chatbot as a hands-on project to understand key AI concepts, including natural language processing, model interaction, and user input handling.
- Designed and debugged the chatbot to ensure seamless user interaction, showcasing effective troubleshooting and iterative development techniques.

Carbon Emissions Calculator - https://github.com/Gavin-Morris-04/Carbon-Emissions-Calculator   **May 2023**
- Developed a Tkinter-based GUI application that accepts user inputs through interactive forms, processes them with predefined mathematical equations, and displays the results dynamically within the application
- Collaborated with a team of four classmates to design and implement the project, combining skills and knowledge for a successful outcome.
- Delivered a live presentation to the class, showcasing the project's functionality through real-time tests and interactive demonstrations.

RELEVANT EXPERIENCE

Software Developer Intern   **December 2024 –Present**
- Collaborated in a team of two to develop GIS applications using Python, contributing to innovative solutions for LSU CARTS.
- Developed applications that enhanced the efficiency of GIS analyst, increasing their productivity by up to 10%.
- Applied problem-solving techniques and programming expertise to deliver functional and efficient GIS tools that supported research and transportation safety initiatives.

Gavin Morris Web Development - https://gavin-morris-04.github.io/Gavin-Morris-Web-Development/   **June 2024 – Present**
- Owner and lead developer of my freelance web development business, providing custom solutions to clients
- Keeps me actively engaged in web development by working on diverse projects and constantly adapting to new challenges.
- One of the websites I made through this was my fraternities' website. https://tkebetaphi.com/

CERTIFICATIONS

IBM FULL STACK DEVELOPER PROFESSIONAL CERTIFICATE (2024) - IBM   **January 2025**
- Course ID: 3UBKQ00NGCIA

GOOGLE AI ESSENTIALS - GOOGLE   **January 2025**
- Course ID: XA8OSW778LOB

IBM GENERATIVE AI ENGINEERING PROFESSIONAL CERTIFICATE (2024) - IBM   **Currently Enrolled**

SKILLS

Python, Flask, JavaScript, React, Express, Node,js, MySQL, AI Prompting, HTML, TypeScript, CSS, Docker, Kubernetes

CAMPUS INVOLVEMENT

Tau Kappa Epsilon
- Developed networking opportunities with peers, contributing to personal and professional growth.
- Contributed to event planning and coordination, ensuring smooth execution of social, philanthropic, and professional activities.