

# Gavin Morris

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## EDUCATION

**Louisiana State University, Baton Rouge, LA**  
*Bachelor of Science, Computer Science*  
Minor: Mathematics

**May 2027**  
GPA: 3.52

## 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.