

# 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

## EXPERIENCE

- LSU CARTS - Software Developer Intern** January 2025 – Present
- Collaborated in a team of two to develop GIS applications using Python, contributing to innovative solutions
  - 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

**WHARTON - FINTECH: FOUNDATIONS & APPLICATIONS OF FINANCIAL TECHNOLOGY (2025)**

- Course ID: A9CABJKOSLQ3

**GOOGLE - AI ESSENTIALS (2025)**

- Course ID: XA8OSW778LOB

**IBM - FULL STACK DEVELOPER PROFESSIONAL CERTIFICATE (2024)**

- Course ID: 3UBKQ00NGCIA

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

- Course ID: EAMKPE6N4UHX

## 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.

## SKILLS

Python, Flask, JavaScript, React, Express, Node.js, MySQL, Prompt Engineering, 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.