Richard “Wylie” Glover

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SUMMARY

Results-driven Computer Science graduate with hands-on expertise in Machine Learning (ML) and Generative AI. Experienced in developing AI-driven solutions, designing and fine-tuning Large Language Models (LLMs) such as GPT-based systems and open-source models (LLaMA, BART). Proficient in vector databases, embeddings, and prompt engineering strategies including tone modulation, accuracy improvement, and contextualization. Adept at configuring, testing, and performance-tuning Gen AI systems to deliver secure, scalable, and efficient applications.

EDUCATION

Georgia Southern University
Bachelor of Science in Computer Science | 2019 – 2023

CERTIFICATIONS

NVIDIA Certified Associate using Generative AI LLMs | *July 2024*
Foundational training completed in:

- Rapid Application Development with Large Language Models
- Accelerating End-to-End Data Science Workflows
- Getting Started with Deep Learning
- Introduction to Transformer-Based NLP

PERSONAL PROJECTS

VizDataAcademy.com - Developed an interactive web app to teach 100+ middle school students data manipulation through visualizations.
Portable Executable File Parser - Engineered a user-friendly tool to analyze and debug binary code files, assisting developers in reverse engineering workflows.
YouTube Clip Scraper - Built a Python-based tool to automate compilation of engaging video content from YouTube, enabling efficient sharing of highlights.
Twitch Chat Bot - Created a real-time engagement tool for Twitch streams to track and display game metrics, enhancing viewer interaction.
WylieGlover.com - Designed a personal portfolio website to showcase projects and skills.

TECHNICAL SKILLS

Languages: C/C++, Python, Java, JavaScript, CSS, HTML
Frameworks/Tools: React.js, Qt, Django, Selenium, PyTorch, TensorFlow
AI/ML: Large Language Models (LLMs), prompt engineering, tone modulation, embeddings, vector databases, open-source models (LLaMA, BART)
Expertise: Gen AI-based design and configuration, fine-tuning, accuracy improvement, performance tuning, contextual AI integration