Richard "Wylie" Glover

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SUMMARY

A recent graduate in Computer Science, I hold a bachelor's degree and boast expertise in programming languages like C/C++, Java, Python, and JavaScript. Proficient in software testing principles and adept in using Selenium for robust automation, I am dedicated to crafting secure, scalable, and optimized code. Thriving in Agile environments, I contribute to end-to-end technology solutions aligning with both product and technology roadmaps. Recognized for innovative problem-solving and a collaborative approach, I am driven to excel within cross-functional teams. Seeking opportunities in a forward-thinking organization valuing continuous learning and impactful contributions.

EDUCATION

Georgia Southern University
Bachelor of Science in Computer Science
Graduated: December 2023

Camden County High School
High School Diploma
Graduated: May 2018

PERSONAL PROJECTS

Portable Executable file Parser

- Using Qt and C++, I developed a parser that efficiently maps data structures, such as the Dos Header and File Header, from binary code files into the memory of the application. By leveraging logical operations, I successfully assigned variables in accordance with the defined structures. This implementation enabled me to create an intuitive GUI, showcasing comprehensive information and formatting details of Portable Executable files.

Twitch Chat Bot

- Developed a chat bot using Python and Twitch's API, capable of actively monitoring and responding to user commands within a Twitch chat environment.

VizDataAcademy

- As part of a dedicated team, I spearheaded the development of VizDataAcademy, an innovative application designed to engage middle schoolers in data manipulation through interactive graph and chart visualization. Utilizing a Django-based platform hosted on a Linux server, our website, accessible via the secure HTTPS link https://vizdataacademy.com, empowers students to explore diverse graph types. Extensive JavaScript integration enables dynamic modifications to graphs,

fostering an intuitive learning environment where users can effortlessly swap datasets. This project, initiated by a former professor, reflects our commitment to fostering a deeper understanding of data visualization techniques among students.

TECHNICAL SKILLS

Programming Languages: C/C++, Python, Java, JavaScript, CSS, HTML
Platforms and Frameworks: Django, Selenium, Windows, Linux, Ruby on Rails
Experience: Proficient in software testing principles, 3 years C/C++ & Java, 1 year Python
Other: Microsoft Office Suite, Typing speed: 100+ WPM

WORK EXPERIENCE

McDonalds | July 2015 – April 2016
Crew Member

HOBBIES & INTERESTS

Computer/Programming:

- Actively expanding my knowledge of neural networks and their implementation in Python.
- Continuously undertaking challenging projects to enhance my programming skills and broaden my expertise.
- Working alongside an old professor to create video games in Unreal Engine 5.
- Enthusiast of PC building and understanding the internal components.

Video Games:

- Attained a top-ranking position (Master, top 0.47%) in League of Legends, utilizing strategic planning, adaptability, and teamwork to excel in competitive gaming environments. This experience parallels my approach to software development, emphasizing critical thinking, collaboration, and continuous improvement.