

Dominic Mason

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Resume Overview: Recent computer science graduate of Virginia Commonwealth University, seeking a software engineering position to leverage a strong background in computer science and contribute to innovative projects while gaining valuable experience.

Education:

Bachelor of Science in Computer Science, Concentration in Software Engineering

Virginia Commonwealth University
May 2024

Legacy Full Stack Certification

freeCodeCamp
June 2024

Experience:

Software Engineering Intern

Spring Oaks Capital, LLC, May 2022 – Sept 2022

- **Front-End Web Development:**
 - Built a web page for Heartwood, an internal control panel for our operations team, and crafted user interfaces using React and Material-UI components based on wireframes.
 - **Back-End Server-Side Development:**
 - Developed a FastAPI endpoint to process Excel files.
 - Uploaded transformed files to AWS S3 buckets and managed download links for efficient data exchange.
 - **Data Engineering:**
 - Manipulated and transformed data using Pandas to meet specific formatting requirements.
 - Automated data conversion from Excel files to various file types, including .prn.
 - **Agile Development Methodology:**
 - Participated in daily scrum meetings, sprint planning, sprint reviews, and a weekly “Demo Day”
 - Collaborated with cross-functional teams to ensure timely delivery of features and improvements.
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Projects:

Personal Portfolio Website (HTML, JavaScript, CSS)

- Developed and deployed a personal portfolio website, hosted on GitHub Pages showcasing various projects and skills.

Rick and Morty Personality Quiz (React, JavaScript, API Integration)

- Developed a React web application utilizing the Rick and Morty API to match users with characters based on personality traits. Integrated dynamic data fetching and interactive quiz features.
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Extracurricular Activities:

WebRams - Web Development Club at VCU

Member
2023 - 2024

Technical Skills:

- **Programming Languages:** Java, JavaScript, C, C++, Python
- **Web Development:** HTML, CSS, Node.js, React.js, Flask, FastAPI, Express, Axios
- **Databases:** SQL
- **Tools:** Microsoft Office, Confluence, Jira, GitHub, AWS (S3)
- **Operating Systems:** Windows, Linux/Unix, MacOS