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.

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.

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