Alonza Searer
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Professional Summary

Motivated software developer transitioning from manufacturing to tech. Pursuing a Bachelor's in Computer Science with a focus on Software Engineering at Southern New Hampshire University. Skilled in web development, data analysis, and front-end technologies. Effective problem-solver with a strong foundation in modern software practices and a passion for continuous learning.

Education

Bachelor of Science in Computer Science
Concentration: Software Engineering
Southern New Hampshire University (SNHU)
Expected Graduation: May 2028

Certifications

- **Responsive Web Design**
  FreeCodeCamp, September 2023
  Proficient in responsive design with media queries, Flexbox, and Grid Layout.

- **Software Engineering**
  UMass Global, February 2024
  Gained worthwhile skills in software engineering, project management, and scalable software solutions.

- **Data Visualization**
  FreeCodeCamp, July 2024
  Skilled in D3.js and Python libraries for interactive data visualizations.

- **Front-End Development Libraries**
  FreeCodeCamp, July 2024
  Experience with React, Angular, and Vue.js for dynamic web applications.

Technical Skills

- **Languages:** JavaScript, Python, HTML, CSS

- **Libraries/Frameworks:** React, Angular, Vue.js, D3.js

- **Tools:** Git, Webpack, NPM

- **Technologies:** Responsive Design, Flexbox, Grid Layout, Data Visualization

- **Methodologies:** Agile, Scrum

Experience

Freelance Software Developer / Self-Directed Projects
Present

- **Designed Responsive Web Interfaces**
  Created mobile-first designs for personal and freelance projects, optimizing user experiences across devices.

- **Engineered Scalable Software Solutions**
  Developed custom software with a focus on performance and maintainability.

- **Created Interactive Data Visualizations**
  Built dashboards and visualizations using D3.js and Python, enhancing data-driven decision-making.

- **Built High-Performance Web Applications**
  Utilized React and Vue.js to develop dynamic, high-performance web apps.

Projects

- **Portfolio Website**
  Developed using HTML, CSS, JavaScript, React. Showcases web development skills and responsive design.

- **Data Dashboard Application**
  Built with JavaScript, D3.js, HTML, CSS. Provides interactive data visualization for real-time insights.

- **E-Commerce Platform Prototype**
  Created with React, Redux, CSS Grid. Focuses on user experience and scalability.