**Alonza Searer**  
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https://asearerdev-portfolio.vercel.app/

**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.