

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.