

## **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

[Month, Year] – 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.