

Savhanna Beene

Software Engineering Student • UX Research Minor

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Summary

Software Engineering student with a minor in User Experience Research, experienced in full-stack development and accessible interface design. Skilled in JavaScript, Python, C/C++, SQL, and usability research methods. Passionate about building intuitive digital experiences that solve real-world problems.

Technical Skills

- Languages: JavaScript, Python, C, C++, Ruby, Raku, Prolog, SQL, HTML, CSS
- Frameworks & Libraries: React, Node.js, Express, WordPress
- Tools: Git/GitHub, Figma, VS Code
- Methods: Usability Testing, Wireframing, Heuristic Evaluation, Prototyping
- Focus Areas: UX Research, Human–Computer Interaction, Accessible Design
- Professional Strengths: Leadership, Problem Solving, Adaptability, Attention to Detail

Projects

Food-For-You Web App — Front-End Development · Academic

- Implemented dynamic recipe card functionality using JavaScript, including add/remove, filtering, and navigation.
- Added fetch() integration to load recipe data from JSON and populate UI components dynamically.
- Built interactive elements such as dropdown filters, event listeners, and a “Random Recipe of the Day” feature.
- Improved UI flow, modularized functions, and enhanced save/remove interactions with undo timing behavior.
- Collaborated with team members to validate recipe data and ensure consistent card structure and usability.

Budget Tracker Web App — Full-Stack · Personal

- Built a minimalist budgeting app enabling users to track expenses, review transaction history, and set goals.
- Implemented a custom REST API in Node.js for secure CRUD operations.

- Ensured WCAG-aligned accessibility using semantic HTML, proper contrast ratios, and keyboard navigation.

Tech: React, Node.js, REST API, Accessibility

Home Renovation Database — Coursework · In Progress

- Developed a small-scale relational database system for managing renovation projects.
- Designed SQL schemas to visualize relationships between projects, invoices, contractors, and materials.
- Created data visualizations to support planning and workflow optimization.

Tech: JavaScript, SQL, Data Visualization

Education

Oregon State University

Bachelor of Science in Computer Science

Minor in User Experience Research

Projected Graduation: 2027

Experience

Store Manager — Starbucks Coffee Company | Lincoln City (2023)

- Developed a store plan that increased sales by 140% in October 2023.
- Created schedules for 24 individuals, training plans, managed inventory, and processed payroll.
- Troubleshoot POS systems and resolved operational technology issues to reduce downtime.
- Reviewed metrics and Profit & Loss reports to identify ways to improve outcomes.

Assistant Store Manager — Starbucks Coffee Company | Ft. Campbell & Quinn (2021–2023)

- Coached team members to utilize resources effectively and exceed performance goals.
- Guided peers through the hiring process to meet business needs.
- Coordinated volunteer events supporting community and family engagement.

Military Police — United States Army (2011–2021)

- Coordinated with multiple agencies to ensure the safety and security of 12,000 personnel.
- Managed confidential and sensitive data in military law enforcement systems.
- Developed 7 individuals through performance assessment, feedback, and coaching.