

Sophia Zhuk

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OBJECTIVE

Seeking opportunities as a UX Engineer or Front End Engineer to leverage my skills in Human-Computer Interaction, Design, and Web Development. Committed to enhancing user interactions and creating accessible, visually appealing digital experiences.

TECHNICAL SKILLS

UX/UI: Figma, XD, Photoshop, Illustrator

Dev: VS Code, Git, WordPress, Azure DevOps, Storybook, Vitest, Datadog

Langs: JS, TypeScript, HTML/CSS, Java, SQL, PHP. GraphQL **Frameworks/Libs:** React, Vue, jQuery, Bootstrap, Quasar

EXPERIENCE

UX Software Engineer Intern <i>MCG Health</i>	June 2025 – August 2025 Seattle, WA
<ul style="list-style-type: none">Built responsive UI features using Vue.js, TypeScript, GraphQL, APIs, and SASS across production-scale codebases.Collaborated with product managers, UX designers, and senior engineers to scope, build, and ship high-impact features used by real-world hospital systemsIntegrated with backend services using GraphQL and enhanced developer experience through code cleanup and reusable UI componentsWrote unit tests and monitored production code through Datadog and Azure PipelinesFollowed Agile practices in 2-week sprints using Jira, Slack, and Azure DevOps, completing 14 tickets over 10 weeks	Oct 2023 – Present Bellingham, WA
Web Developer II <i>CIIA, Western Washington University</i>	Sep 2019 – Present Bellingham, WA
<ul style="list-style-type: none">Built reusable, accessible components and responsive templates using React, SASS, and university design systems.Developed and maintained learning platforms and university-wide instructional sites serving thousands of students and faculty.Collaborated with designers and content experts to deliver web features and update Android learning apps.Created instructional media assets and UI elements using Adobe Creative Suite, enhancing digital course delivery.	Tacoma, WA
Web Developer, Photographer <i>Virtual Reality NW</i>	Jun 2024 – Present Tacoma, WA
<ul style="list-style-type: none">Created marketing materials and custom static website using HTML, CSS, and vanilla JavaScript.Shot and edited real estate photos and drone footage.	

RESEARCH

Student Researcher, Human-Computer Interaction, Mitra Project <i>NEAT Lab, WWU</i>	Jun 2024 – Present Bellingham, WA
<ul style="list-style-type: none">Conducted comprehensive UX surveys and reviewed 5+ years worth of Human-Computer Interaction (HCI) research.Researched and designed project to enhance accessibility based on WCAG standards for users with and without disabilities.Integrated a matching algorithms to pair users with similar interests.	Oct 2025

PROJECTS

Arcade Knight - Video Game TypeScript, Vite, Canvas Renderer	October 2025
<ul style="list-style-type: none">A retro browser-based pixel-art game collection featuring classic computer games and sprite-driven asset pipeline with scene architecture for reusable rendering.	
LLM Intuitive Interfaces React, OpenAI API, Firebase	Apr 2025
<ul style="list-style-type: none">Creating an intuitive interface for users to interact with large archives of data.	
Bellingham Buzz SQL, PHP, JavaScript, WordPress	Mar 2025
<ul style="list-style-type: none">Created local discovery platform tailored for college students.	
Portfolio Website sophiazhuk.com	Mar 2025
<ul style="list-style-type: none">Built and deployed custom React portfolio with a design system.	
Virtual Reality NW Website HTML, CSS, jQuery	Jan 2021
<ul style="list-style-type: none">Developed a responsive site with dynamic features for client engagement.	

EDUCATION

B.S. - Computer Science <i>Western Washington University</i>	Sep 2023 – Present Bellingham, WA
<ul style="list-style-type: none">Web Programming Certificate, CS Distinguished Scholars	
A.A. - DTA <i>Pierce College</i>	Sep 2021 – Jun 2023 Puyallup, WA
<ul style="list-style-type: none">President's List, Dean's ListRelevant coursework: Computer Science, UX Design, Psychology	