

# Sophia Zhuk

sophiazhuk.com — zhuksophia@gmail.com — linkedin.com/in/sophiazhuk — 206-859-0493

## 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

June 2025 – August 2025

*MCG Health*

*Seattle, WA*

- 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 systems
- Integrated with backend services using GraphQL and enhanced developer experience through code cleanup and reusable UI components
- Wrote unit tests and monitored production code through Datadog and Azure Pipelines
- Followed Agile practices in 2-week sprints using Jira, Slack, and Azure DevOps, completing 14 tickets over 10 weeks

### Web Developer II

Oct 2023 – Present

*CIIA, Western Washington University*

*Bellingham, WA*

- 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.

### Web Developer, Photographer

Sep 2019 – Present

*Virtual Realty NW*

*Tacoma, WA*

- 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

Jun 2024 – Present

*NEAT Lab, WWU*

*Bellingham, WA*

- 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.

## PROJECTS

### Arcade Knight - Video Game | TypeScript, Vite, Canvas Renderer

October 2025

- 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

- Creating an intuitive interface for users to interact with large archives of data.

### Bellingham Buzz | SQL, PHP, JavaScript, WordPress

Mar 2025

- Created local discovery platform tailored for college students.

### Portfolio Website | sophiazhuk.com

Mar 2025

- Built and deployed custom React portfolio with a design system.

### Virtual Realty NW Website | HTML, CSS, jQuery

Jan 2021

- Developed a responsive site with dynamic features for client engagement.

## EDUCATION

### B.S. - Computer Science

Sep 2023 – Present

*Western Washington University*

*Bellingham, WA*

- Web Programming Certificate, CS Distinguished Scholars

### A.A. - DTA

Sep 2021 – Jun 2023

*Pierce College*

*Puyallup, WA*

- President's List, Dean's List
- Relevant coursework: Computer Science, UX Design, Psychology