



EDUCATION

Rhode Island School of Design (RISD)

2020-2024

Bachelor of Fine Arts, Industrial Design.

3.944 GPA. 5x Honors Designation.

Boston University Academy (BUA)

2016-2020

Graduated summa cum laude.

PROJECTS

Machinist's Edge (machinists-edge.com)

- A set of calculators and searchable tables designed for the RISD ID Metal Shop.
- Improved CNC milling machine's operator experience and efficiency; removed operator-related calculation errors.
- Features developed based on a primary round of user interviews and continual user testing.
- A responsive and accessible front-end web app built with SvelteKit in TypeScript.

Weather Dial (weatherdial.richardfxr.com)

- A weather app focused on intuitive data visualization and animation.
- A responsive and accessible web app built with SvelteKit and high-performance native CSS animations.

richardfxr.com

- An accessibility-focused redesign of my portfolio site
- Features high contrast mode, low motion, and large touch area in addition to Web Content Accessibility Guidelines (WCAG) 2.0 level AAA compliance.
- Website built with React, Next.js, and Framer Motion.

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- Brand and app redesign that improved brand identity and user experience.
- Gamified "post collecting" to drive up user engagement and encourage new posts.
- High-fidelity mockups created using Figma, Illustrator, and After Effects.

SKILLS

Programs

Illustrator - Premiere Pro - After Effects - Lightroom Classic - Photoshop - Audition - InDesign - DaVinci Resolve - Figma - SolidWorks - HSMWroks - Blender

Software development

HTML - CSS - JavaScript - TypeScript - git - Tailwind CSS - Sass - Node.js - React - Next.js - Framer Motion - SvelteKit - Svelte - Vite - Vue.js - WebGL - Three.js - Python - Java

Others

UI/UX design - graphic design - product design - Illustration - photography - videography - CAD - CAM - metalworking - CNC milling