

Charles Luo

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EDUCATION

University of California Riverside <i>Bachelor's of Science in Computer Science</i>	Riverside, CA 2024 - 2028 (expected)
South Hills High School <i>High School Diploma</i>	West Covina, CA 2020-2024

EXPERIENCE

Frontend Developer <i>Association for Computing Machinery @ UCR</i>	September 2025 – Present Riverside, CA
<ul style="list-style-type: none">Developed and maintained a production website for a Vietnamese student organization using TypeScript, React, Next.js, and Tailwind CSS as part of one of ACM@UCR's project teams.Worked in an Agile/Scrum environment, attending weekly meetings and translating Figma designs into responsive, reusable frontend componentsCollaborated with developers through GitHub pull requests, code reviews, and resolving merge conflicts	
Video Editor <i>VitalASC</i>	June 2023 – August 2023 City of Industry, CA
<ul style="list-style-type: none">Edited short-form promotional ads using Adobe Premiere Pro, primarily for iPad-compatible stylus productsCreated fast-paced, engaging edits optimized for social media and digital advertisingIterated on videos based on team feedback to meet branding and marketing goals	

PROJECTS

Vietnamese Student Association Website <i>React, Typescript</i>	September 2025 – December 2025
<ul style="list-style-type: none">Developed and deployed a responsive web application for the VSA club at UCR using TypeScript, React, Next.js, and Tailwind CSS, following modern frontend best practicesCollaborated with a team of developers using GitHub, participating in code reviews, and resolving merge conflictsImplemented reusable UI components by translating Figma designs into responsive layouts optimized for different screen sizesParticipated in weekly Agile/Scrum meetings to plan sprints, estimate tasks, and communicate progress; deployed production builds using Vercel	
Portfolio Website <i>React, Typescript, Vite, TailwindCSS</i>	November 2025
<ul style="list-style-type: none">Designed and developed a responsive personal portfolio using React and TypeScript, showcasing projects and experience with a modern UIImplemented light/dark theme support with persistent user preferences using Tailwind CSS and local storage, ensuring accessibility and consistent styling across the site.Built reusable, modular components and layouts utilizing props with Tailwind utility classes, improving maintainability and scalability of the codebaseDeployed to Vercel with optimized production builds, ensuring fast load times and smooth client-side navigation	
Weather Widget <i>TailwindCSS, Javascript</i>	September 2025
<ul style="list-style-type: none">Built a responsive weather widget using JavaScript and Tailwind CSS, allowing users to search for locations and view real-time weather dataIntegrated a third-party weather API using asynchronous requests, handling JSON responses, loading states, and basic error casesImplemented dynamic UI updates based on user input and API responses, strengthening understanding of DOM manipulation, events, and state management	

TECHNICAL SKILLS

Languages: Typescript, Javascript, HTML, CSS, C++, Python
Frameworks: React, Node.js, Next.js, TailwindCSS
Developer Tools: Git, GitHub, Vite, VS Code