

# Charles Luo

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## EDUCATION

**University of California Riverside**  
*Bachelor's of Science in Computer Science*

Riverside, CA  
2024 - 2028 (expected)

**South Hills High School**  
*High School Diploma*

West Covina, CA  
2020-2024

## EXPERIENCE

**Frontend Developer**  
*Association for Computing Machinery @ UCR*

September 2025 – Present  
Riverside, CA

- 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 components
- Collaborated with developers through GitHub pull requests, code reviews, and resolving merge conflicts

**Video Editor**  
*VitalASC*

June 2023 – August 2023  
City of Industry, CA

- Edited short-form promotional ads using Adobe Premiere Pro, primarily for iPad-compatible stylus products
- Created fast-paced, engaging edits optimized for social media and digital advertising
- Iterated on videos based on team feedback to meet branding and marketing goals

## PROJECTS

**Vietnamese Student Association Website** | *React, Typescript*

September 2025 – December 2025

- 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 practices
- Collaborated with a team of developers using GitHub, participating in code reviews, and resolving merge conflicts
- Implemented reusable UI components by translating Figma designs into responsive layouts optimized for different screen sizes
- Participated in weekly Agile/Scrum meetings to plan sprints, estimate tasks, and communicate progress; deployed production builds using Vercel

**Portfolio Website** | *React, Typescript, Vite, TailwindCSS*

November 2025

- Designed and developed a responsive personal portfolio using React and TypeScript, showcasing projects and experience with a modern UI
- Implemented 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 codebase
- Deployed to Vercel with optimized production builds, ensuring fast load times and smooth client-side navigation

**Weather Widget** | *TailwindCSS, Javascript*

September 2025

- Built a responsive weather widget using JavaScript and Tailwind CSS, allowing users to search for locations and view real-time weather data
- Integrated a third-party weather API using asynchronous requests, handling JSON responses, loading states, and basic error cases
- Implemented 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