

Carlos Valdez

Full Stack Developer

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Education

University of California, Irvine

June 2025

B.S., Informatics

- **Activities:** Designed 2 projects with Design at UCI Project Teams; initiated Iris through the Undergraduate Research Lab
- **Coursework:** Project in Human-Computer Interaction, Project in User-Interaction Software; Requirements Analysis & Engineering

Projects

Iris for Desktop, Irvine, CA

October 2023 - October 2025

Lead Developer

- Led development, an open-source cross-platform caregiving tool built with Rust and Next.js; coordinated with distributed team and engineers to deliver core features
- Conducted requirements analysis and literature review to inform feature design and ensure best practices in caregiving software
- Implemented Scrum workflow through sprint planning, GitHub issue tracking, and sprint reviews, ensuring the team is aligned
- Presented regular project updates to faculty advisors, securing timely feedback and maintaining stakeholder engagement
- Reported any issues with the software with team and stakeholders, improving communication and planning

You Are Typing, Irvine, CA

October 2023 - July 2025

Full Stack Developer

- Implemented a Next.js frontend with a Rust backend to create a desktop app 80% smaller than most Electron apps
- Designed data management tools that allow users to export or import their data
- Improved app's responsiveness by only loading 50 text messages at a time, preventing sluggish behavior

Skills

Language: Proficient in writing/speaking Spanish

Programming Languages: Python, Java, JavaScript, Typescript, Rust, SQL

Other Programming Skills: React, NextJS, Vite, Angular, Flask, backend, frontend

Operating Systems: Windows 7, 10-11, macOS 11-14, Linux

Office Tools: Microsoft (Word, PowerPoint, Excel), Google (Docs, Slides, Sheets)

Amazon Web Services: Experience with S3

Typing: 100 WPM