

# Sara Alvarado

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## Education

**Bachelor's of Art, Minors in Computer Programming & Web Development**, University of Southern California Aug 2020-May 2024

Relevant Coursework: Data Structures, Front-End Web Development, Video Game Programming, Object Oriented Programming, Web Publishing, Design

## Skills

Code: C++, TypeScript, JavaScript, HTML/CSS, Java, Python

Libraries/Frameworks/Tools: React, Git, Github, Bootstrap, Node.js, jQuery, Wordpress

Design: Figma, Illustrator, Photoshop, InDesign, Procreate

## Experience

**Learning Assistant-ITP301: Front-End Web Development**, USC Information Technology Program Aug 2023-Present

- Manages lab sessions and office hours.
- Assists students with class topics, such as JavaScript and React.

**Creative Content Assistant-Graphic Design**, USC Student Life Mar 2022-Present

- Utilizes Figma and Illustrator to create graphics to be used on USC's student life Instagram page with over 3,000 followers.
- Led rebrand for weekly school-wide events newsletter, "We are 'SC'".
- Collaborates with team members to generate new content ideas based on trends.
- Designs products and merchandise for large-scale events such as the USC Welcome Experience.

**Campus Center Associate**, USC Campus Center Oct 2021-Present

- Maintains front desk, welcomes visitors, and answers questions regarding building's functions and directions to locations and events.
- Aids in setup and take down of event spaces- works with coworkers to move tables and chairs in desired room layout, ranging from small meetings to large conferences.
- Logs data relating to number of visitors per hour.

**Learning Assistant-ITP104: Web Publishing**, USC Information Technology Program Aug 2022-Dec 2022

- Graded labs and assignments where students learn to build web pages with HTML and CSS.
- Held office hours for students to ask questions and receive one-on-one help with course material.

## Projects

**Portfolio Website** — saraalvo.com Jul 2023

Personal website for programming and design-related projects. Designed in Figma, developed with React and Bootstrap, and deployed on Vercel.

**Portal Clone** — tinyurl.com/portalcloneproj Apr 2023

Clone of popular game, Portal, made with C++ as a final project for video game programming class. Features 3-D graphics, AI state machine, FPS camera/mechanics, teleport physics, and JSON parsing.

**Growth Tracker** — tinyurl.com/growthtrackr Jul 2022

Plant themed journal and mood tracker for Google Chrome and Firefox. Features an interactive mood calendar and journal for each day. Built with JavaScript, HTML, and CSS. Has over 500 users.

## Activities

**KXSC**, Webmaster and DJ May 2023-Present

Managed website for USC's radio station, KXSC. Updated blog with music news and reviews and repaired issues. Also hosted weekly hour-long on air shows.

**Innovative Design**, Web Designer Oct 2022-Present

Member of USC's student-run design agency/org, InnoD. Projects included a website redesign of USC's Formula One racing team.

**The Daily Trojan**, Art and Web Projects Jan 2021-Jan 2023

Created illustrations for articles on The Daily Trojan website. Also contributed to special web projects on site.