

# Weston Wood

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## EDUCATION

**California State University, Los Angeles**  
*Bachelor of Science in Computer Science*

Expected May 2025

## TECHNICAL SKILLS

**Programming Languages:** JavaScript, TypeScript, HTML, CSS, Nix, Python, Java

**Frameworks & Libraries:** Next.js, React, JSX, Bootstrap, Python Flask, Python Django, Spring Boot, SQL, MongoDB, Bash, Batch

**Tools & Technologies:** Linux (NixOS, Arch), Git, REST API, AWS( EC2, SES, DynamoDB, Route53, S3, Amplify)

## WORK EXPERIENCE

### IT Student Assistant

Jan 2024 - Present

*Cal State LA Office of Planning and Budget*

- Logs computer equipment data into the Snipe-IT database for faculty and staff to check-in and checkout equipment from the department.
- Provides and set up new HP laptops, monitors, docking stations and other devices for new employees and faculty.
- Wrote Windows Batch Scripts to generate logs of PC system information to be logged in the school database, to improve data collection time.

## PROJECTS

### Portfolio Website

Sept 2023 - Present

*TypeScript, Next.js, React, JSX, CSS, REST API, AWS*

- Leveraged Next.js and TypeScript to redesign and host my portfolio website, resulting in user engagement by 25%.
- Implemented AWS solutions including EC2 for hosting, DynamoDB for dynamic project updates, SES for email handling, and Route 53 for domain management, improving the update cycle for project information by 50%.
- Developed TypeScript scripts to integrate GitHub and Steam REST APIs to dynamically updating website sections and showcasing real-time data Git projects and Steam games.

### NixOS Configuration

June 2024 - Present

*Nix, JavaScript, Bash*

- Created from scratch a NixOS configuration that builds a tiling based desktop environment with Hyprland, a unique configuration that transforms Neovim into an IDE and a status bar written in JavaScript to improve my productivity.

### Django Book Exchange Website

Feb 2024 - May 2024

*Python Django, HTML, CSS, Bootstrap*

- Managed a team of 5 individuals, facilitating meetings, and delegating responsibilities to develop a book marketplace website, with Python Django, where you can search, buy, sell and list books.
- Implemented and instructed team members in GitHub utilization, ensuring effective version control management and minimizing unnecessary branch and fork overwrites.

## LEADERSHIP EXPERIENCE

### Association for Computing Machinery (ACM)

#### • Web Master

May 2024 - Present

- \* Facilitates bi-weekly workshops on HTML, CSS, React, mentoring a group of 3 web leaders and achieving a 90% completion rate
- \* Managed a web development team of 3 leaders in the completion of 10+ updates for fall semester events.

#### • Web Committee Officer

Aug 2023 - Jun 2024

- \* Facilitates bi-weekly workshops on HTML, CSS, React, mentoring a group of 3 web leaders and achieving a 90% completion rate
- \* Utilized Figma with my team to design the UI and functions for our upcoming Admin page to improve implementation time by 50%

#### • Web Committee Leader

Jun 2023 - Aug 2023

- \* Partnered with two fellow leaders to develop a club registration page using HTML, CSS, and Python Flask, replacing an outdated Google form. This initiative enabled the integration of an automated email, written in Python, for sending welcome emails upon membership sign up.
- \* Maintained the club website by making sure events are up-to-date, fixing bugs, and updating announcements.

## AWARDS

### Master Coder

May 2023