

# Weston J. Wood

- (626)-210-8181 - East San Gabriel, CA - [wwood98@outlook.com](mailto:wwood98@outlook.com) - [linkedin.com/in/weston-wood9802](https://www.linkedin.com/in/weston-wood9802) - [wwoodportfolio.com](https://www.wwoodportfolio.com)

## EDUCATION

### Bachelor of Science in Computer Science

California State University, Los Angeles

Expected Graduation Date: May 2025

GPA: 3.3 (Dean's List)

## TECHNICAL SKILLS

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

**Amazon Web Services:** EC2, Lambda, DynamoDB, CloudWatch, Route53, VPC, API Gateway, IAM, SES, ELB, S3

**Frameworks & Tools:** Linux, Git, REST API, Agile, Docker, Google Firebase, Next.js, React, Python Django, SQL, MongoDB

## PROJECTS

### Portfolio Website

Sep 2023 - Present

*Amazon Web Services, TypeScript, Next.js, REST API*

- Created **CloudWatch** alerts to continuously monitor for **Lambda** invocations, **DynamoDB** reads and writes, and **EC2** internet traffic, to maintain a cost-effective, reliable and secure AWS architecture.
- 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%.
- Created a **REST API** utilizing **API Gateway**, **Lambda** functions and **DynamoDB**, for caching, to integrate Steam's and Github's **REST APIs** to dynamically update website sections and to showcase real-time data from Git projects and Steam games.

### NixOS Configuration

Jun 2024 - Present

*Nix, JavaScript, Bash*

- Developed a NixOS configuration featuring a dynamic tiling desktop environment using Hyprland to enhance productivity.
- Customized Neovim, using Nixvim, to function as a full-featured IDE with autocompletion, syntax highlighting, linting, and debugging tools for multiple programming languages.
- Created a personalized status bar using Aylur's GTK Shell to display real-time system metrics, optimize system monitoring, and enhance overall efficiency.

### Django Book Exchange Website

Feb 2024 - May 2024

*Python Django, HTML, CSS, Bootstrap*

- Managed a team of five individuals, facilitated meetings, and delegated responsibilities to develop a book marketplace website 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.

## WORK EXPERIENCE

### IT Student Assistant

Jan 2024 - Present

*Cal State LA Office of Planning and Budget*

- Played a key role in the creation and migration of data to Snipe-IT, a powerful asset management system, involving data cleaning, transformation, and ensuring data integrity. This successful implementation streamlined asset tracking, improved data accessibility, and enhanced overall operational efficiency within the organization.
- Logged and managed computer equipment data in the Snipe-IT database, enabling faculty and staff to efficiently check in, check out, and borrow equipment from the department, thereby enhancing resource accessibility and operational efficiency.
- Wrote Windows Batch Scripts to generate logs of PC system information to be logged in the school database, to improve data collection by 50%.

## LEADERSHIP EXPERIENCE

### Association for Computing Machinery (ACM)

#### • Web Master

May 2024 - Present

- \* Facilitates bi-weekly workshops on web development topics mentoring a group of three web leaders and achieving a 90% completion rate.
- \* Manages a web development team of three leaders, successfully completing 10+ updates for fall semester events.

#### • Web Committee Officer

Aug 2023 - Jun 2024

- \* Coordinated with other Web Committee leaders to develop an Admin page through React, JavaScript, and Firebase, enabling seamless addition, updating, and deletion of events and workshops, leading to a 40% reduction in administrative delays.
- \* Utilized Figma to design prototype UI and functions for the club admin page, improving implementation time by 50%.

#### • Web Committee Leader

Jun 2023 - Aug 2023

- \* Teamed up with two leaders to redesign the club's registration page, integrating an automated welcome email system for new member sign-ups. This enhancement led to a 10% reduction in administrative workload for the club.
- \* Maintained the club website by making sure events are up-to-date, fixing bugs, and updating announcements.

## AWARDS

### Association of Computing Machinery: Master Coder

May 2023