

WESTON WOOD

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EDUCATION

Bachelor of Science in Computer Science
California State University, Los Angeles (Cal State LA)

Expected: May 2025

SKILLS

Programming Languages: JavaScript, TypeScript, Python, Nix, Java, C++, C, Batch

Tech Tools: React, HTML, CSS, Git, SQL, MongoDB, Firebase, Node.js, Next.js, Figma, Python Flask, Python Django, Spring Boot, Amazon Web Services (S3, EC2, Amplify, DynamoDB, Route53, SES)

Operating Systems: Linux (NixOS, Arch), Windows 10/11

WORK EXPERIENCE

IT Student Assistant

Jan 2024 - Present

Cal State LA Department of Budget and Planning

- 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.

LEADERSHIP AND INVOLVEMENT

Web Master

Jun 2024 - Present

Cal State LA Association for Computing Machinery (ACM)

- 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

Cal State LA Association for Computing Machinery (ACM)

- Coordinated with other web committee leaders to develop a feature-rich 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** 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

Cal State LA Association for Computing Machinery (ACM)

- 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with two fellow leaders to develop a club registration page using **HTML**, **CSS**, and **Python Flask**, replacing an outdated Google form.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 signup.
- Maintained the club website by making sure events are up-to-date, fixing bugs, and updating announcements.

PROJECTS

NixOS Configuration

Jun 2024 - Present

<https://github.com/dokokitsune/nix-config>

- 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.

Dynamic Portfolio Website

Sep 2023 - Present

<http://wwoodportfolio.com>

- 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.

Django Book Exchange Website

Aug 2024 - Dec 2024

<https://github.com/dokokitsune/cs3337-Project>

- 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.

AWARDS

Master Coder

May 2023

Cal State LA Association for Computing Machinery (ACM)