Weston J. Wood

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EDUCATION

Bachelor of Science in Computer Science   Expected Graduation Date: May 2025
California State University, Los Angeles   GPA: 3.3

TECHNICAL SKILLS

Programming Languages: JavaScript, TypeScript, HTML, CSS, Nix, Python, Java
Frameworks & Libraries: Next.js, React, JSX, Bootstrap, Python Flask, Python Django, Bash, Spring Boot, SQL, MongoDB
Tools & Technologies: Linux (NixOS, Arch), Git, REST API, Google Firebase, AWS(EC2, SES, DynamoDB, Route53, S3)

WORK EXPERIENCE

IT Student Assistant   Jan 2024 - Present
Cal State LA Office of Planning and Budget
- Logged computer equipment data into the Snipe-IT database for faculty and staff to check-in, checkout and borrow 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 by 50%.

PROJECTS

Portfolio Website   Sep 2023 - Present
TypeScript, Next.js, React, JSX, CSS, REST API, AWS
- Designed, built and hosted my second iteration of my portfolio website, resulting in increasing 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%.
- Wrote 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   Jun 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, to improve my productivity.

Django Book Exchange Website   Feb 2024 - May 2024
Python Django, HTML, CSS, Bootstrap
- Managed a team of 5 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.

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 and achieving a 90% completion rate.
  * Manages a web development team of 3 leaders, successfully completing 10+ updates for fall semester events.
- **Web Committee Officer**   Aug 2023 - Jun 2024
  * Coordinated with other Web Committee leaders to develop aa 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