

Omar Dajani

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EDUCATION

San Francisco State University

B.S. in Computer Science, GPA 3.6/4.0

Aug 2021 - May 2024

San Francisco, CA

EXPERIENCE

Research Assistant and Webmaster

Sep 2022 - Jun 2024

The California State University Entertainment Alliance

San Francisco, CA

- Curated a database of 1,000+ entertainment industry resources like job postings, providing a plethora of potential new opportunities for students and faculty members
- Maintained the organization's website by adjusting the layout and dealing with minor issues using HTML and CSS, elevating user experience by up to 25% due to the more appealing website

Tech Lead

Aug 2023 - May 2024

SF Hacks at San Francisco State University

San Francisco, CA

- Directed development of the hackathon website using tools such as React and TypeScript, assigning tasks to Tech Team members and resulting in 600 users visiting the site
- Improved load speed by 50% by migrating to the aforementioned tools from Astro, optimizing image loading and handling page elements more efficiently

Software Engineering Intern

Dec 2023 - Apr 2024

Glitter

San Francisco, CA

- Led frontend development of the website using HTML, CSS, and JavaScript to adhere to design guidelines and create new pages and features, increasing usability scores by 40%
- Optimized the entire website for mobile using responsive design and media queries, boosting SEO by 20% while preserving the site's unique aesthetic and usability

Python Teaching Assistant

Jul 2023 - Aug 2023

San Francisco State University

San Francisco, CA

- Facilitated active learning through class discussions, classwork, and homework assignments, engaging 20+ students weekly and increasing class participation and assignment completion by 30%
- Fostered teamwork through group projects and peer feedback sessions, leading to 90% of students leaving positive reviews in course exit surveys

Web Designer

Oct 2021 - Sep 2022

San Francisco State University

San Francisco, CA

- Modernized the university's website using Drupal 8, improving site navigation, layout, and content structure, resulting in a 30% reduction in bounce rate and a more dynamic, user-friendly platform
- Redesigned 100+ pages with updated visuals and optimized content, enhancing site performance, boosting SEO by 15%, and significantly improving the overall user experience

PROJECTS

From Here To There | *HTML, CSS, JavaScript, Bootstrap/Studio, AWS, MySQL*

Jan 2024 - May 2024

- Co-led a team of 4 to develop a full-stack marketplace web app, enabling users to buy/sell items, message others, and manage accounts (login/signup), resulting in a fully functional platform that enhanced user interactions
- Managed frontend development using Bootstrap and Bootstrap Studio, ensuring seamless backend integration via AWS and MySQL, resulting in a 75% improvement in user retention, session duration, and bounce rate.

Bunyaan | *HTML, CSS, JavaScript, Python, Flask, MongoDB*

Jun 2021

- Built a community-driven task tracker with a team of 3 in 10 days using tools like Flask and MongoDB, enabling collaborative communication between users and enhancing teamwork
- Assisted with frontend development, designing an eye-catching and intuitive UI/UX, which contributed to winning 1st place at the hackathon

SKILLS

Languages: HTML, CSS, JavaScript, TypeScript, Python, Java, C++, SQL, R

Libraries and Frameworks: Next.js, Node.js, Tailwind CSS, React, Express, Bootstrap, Bootstrap Studio

Developer Tools: Git, IntelliJ, PyCharm, CLion, VS Code, AWS, VirtualBox, MySQL Workbench, Drupal, R Studio