

# DIEGO RAFAEL

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## EDUCATION

### University of California, Davis

Bachelor of Science in Computer Science (GPA - 3.5)

Davis, CA

Expected Graduation: 2025

### Diablo Valley College

Associate's in Computer Science (GPA - 3.8)

Pleasant Hill, CA

Aug. 2021 – May 2023

## EXPERIENCE

### Trinchero Family Estates | Web Developer (Part-Time) | Cloudflare, GES, AWS Lambda, Solid Security Pro (9/24 - 12/24)

- Developed AWS Lambda functions for the **One Stop Wine Shop** eCommerce site (840k+ yearly views, 330k+ users), automating data transfers to Algolia, Yotpo, and other third-party services.
- Built a shopping feed script for Facebook and Google Merchant, increasing visibility and driving sales for key wine-selling sites.
- Managed Cloudflare DNS for WP Engine-hosted sites, ensuring secure and reliable site operations.
- Integrated Solid Security Pro, fortifying website defenses and addressing vulnerabilities, while taking on additional responsibilities with backend integrations.

### Trinchero Family Estates | Web Developer Intern | PHP, WordPress, WP Engine, Local WP, FileZilla (6/24 - 8/24)

- Enhanced accessibility for multiple company sites, focusing on **Napa Cellars Wine** (120k+ yearly views, 71k+ users), ensuring WCAG compliance.
- Implemented semantic HTML, ARIA roles, and keyboard navigation using PHP and WordPress.
- Worked with content, design, and engineering teams to deliver accessibility upgrades aligned with business goals.
- Improved usability and inclusivity, boosting site performance and reducing bounce rates.

### ASUCD Pantry | Full Stack Developer | React, Django, PostgreSQL (9/22 - 10/24)

- Developed agile strategies to improve system flexibility for 1600+ users.
- Maintained the website, guiding patrons and donors to services and updates.
- Led weekly stand-ups, collaborating with the team to review code and build a positive culture.
- Utilized Git and GitHub for efficient code versioning and change tracking.

## PROJECTS

### CaMooRa - Github | TypeScript, Prisma, AWS S3, Cloudfront, PostgreSQL, NextJs (In Progress)

- Developing CaMooRa as a portfolio platform for UC Davis photographers to showcase their work.
- Leveraging Next.js, Prisma, and AWS for a fast and scalable platform.
- Collaborating with a developer and designer to create a seamless user experience.
- Gathering feedback from the UC Davis community to continuously improve CaMooRa, ensuring it meets the evolving needs of photographers and students.

### L-Store Database - Github | Python

- Developed a lineage-based storage system for smooth updates from write to read formats, eliminating contention.
- Ensured transactional integrity and enabled historical data access.
- Spearheaded the integration of transactional and analytical processing paradigms.
- Optimized data storage and retrieval for enhanced scalability and responsiveness.

### Rivas Pro Painting Inc. - Github | Python, Django, HTML/CSS, PostgreSQL, Bootstrap

- Built a Django web app using Python, PostgreSQL, HTML/CSS, and Bootstrap for a painting company.
- Integrated PostgreSQL for secure and efficient data management.
- Designed a responsive UI with HTML/CSS and Bootstrap for multi-device compatibility.
- Used Git and GitHub for version control and collaboration.

## TECHNICAL SKILLS

**Languages:** C/C++, Python, SQL, JavaScript, TypeScript, HTML/CSS, PHP, Bash

**Frameworks/Libraries:** Django, React, Next.js, Bootstrap, Tailwind, WordPress

**Developer Tools:** Git, GitHub, VS Code, Linux, AWS Cloudfront, REST API, tRPC, Cloudflare, Algolia, Yotpo

**Databases:** AWS S3, PostgreSQL, mongoDB, MySQL