

# Amy Martin

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## Education

**University Of California, Los Angeles | Los Angeles, Ca | September 2015-June 2019**

- Bachelor of Science in Marine Biology
- **Major GPA: 3.81 | Cumulative GPA: 3.66**
- **Honors:** UCLA's Deans List, Departmental Honors

## Certifications

**Full Stack Engineer Professional Certification | Codecademy | 2023**

- Successfully attained a Full Stack Engineer certification, showcasing mastery in foundational web development concepts. Proficiently designed and developed interactive websites, specializing in both front-end and back-end development. This certification reflects a comprehensive skill set in full-stack development, encompassing the complete spectrum of web development, from foundational principles to end-to-end application creation.

## Projects

**Alfredo's Ironwork | 2023 | <https://alfredosironwork.com/>**

*Express.js, React, Node.js, Nodemailer, HTML, CSS, Redux*

- Created a full-stack application for an ironwork business named Alfredo's Ironwork. Users can submit estimate inquiries and explore the business' services and completed projects, as well as learn about the business' history. Designed the entirety of the site, UI, and company branding as well.

**Maru's Crochet | 2023 | <https://github.com/amy-martin/marus-crochet/>**

*PostgreSQL, Express.js, React, Node.js, HTML, CSS, Redux*

- Created a full-stack e-commerce application utilizing the PERN stack to integrate the business database, server logic, and user interface to create a robust and user-friendly platform.

**Reddit Client Duplicate | 2023 | <https://github.com/amy-martin/reddit-app/>**

*React, HTML, CSS, Redux*

- Created a web application to access Reddit's content leveraging Reddit's API. Utilized React, HTML, CSS, Redux and React-Router to simulate Reddit's front-end.

## Work Experience

**Teaching Apprentice (TA) | Dept. of Ecology and Evolutionary Biology | UCLA | Oct 2019 - Jun 2021**

- Lead a marine science lab section, guiding students through lab and field experiments related to marine biology while also grading assignments and holding office hours.

**Freelance Software Developer | June 2023-Present**

- Provide freelance software development services to clients, be it full stack, front-end, or back-end development.
- Specialize in web application development using technologies such as Node, React, and PostgreSQL.
- Collaborate with clients to understand requirements and deliver customized solutions.

## Research Experience

**Research Assistant | Dept. Of Ecology and Evolutionary Biology | UCLA | Jan-March 2019**

- Helped graduate student both design and execute an experiment in order to investigate the potential differences in beach wrack ecosystem composition created by two different species of macroalgae, one native to California and the other not.

**Marine Biology Quarter | UCLA | April-June 2019**

- Created and executed two group research projects along the coral reefs of Mo'orea, French Polynesia
- One project focused on the differences in coral reef composition and biodiversity amongst different systems that have been channelized for anthropogenic use. The other project looked to investigate the relationship between two different species of brown macroalgae.

## Technical Skills

**Programming:** Node, SQL, PostgreSQL, Express.js, React, JavaScript, CSS, HTML5, Redux, Git & Github, Data Structures, Algorithms, Database Design, UI/UX, API Development, API Integration