

## Alexis Martin

Software Engineer

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### EDUCATION

#### Bachelor of Science in Computer Science

California State University, Fullerton

Expected May 2024

#### Associate of Science in Mathematics

Orange Coast College

August 2022

#### C++ Certificate

Orange Coast College

December 2022

#### Associate of Science in Engineering

Orange Coast College

December 2019

### TECHNICAL SKILLS

Python, C++, JavaScript, TypeScript, Object-Oriented Programming, HTML, CSS, Sass, Tailwind SQL, React, Next.js, UI, UX, Redux, Node, Front End Design, Figma, Responsive Design, REST APIs, Agile, Scrum, Git, Version Control

### PROJECTS

#### React Web Application | Hackathon Project

Feb 2023 – March 2023

*Vibe Check*

- Led the development of an innovative full-stack project at a hackathon, taking on the role of Tech Lead and leveraging the MERN stack (MongoDB, Express.js, React.js, Node.js) leading to our team placing first overall.
- Helped in the development of the back-end API using Node.js and Express.js, facilitating seamless integration with the Spotify API for efficient user data collection and extraction, thereby enabling insightful data analysis capabilities.
- Demonstrated strong leadership and communication skills in coordinating with team members to complete the project within a tight 24-hour timeframe, effectively delegating tasks leading to better team organization and timely delivery.
- Utilized user interface (UI) and user experience (UX) design principles to create a seamless user interface, facilitating smooth navigation and data visualization, ultimately leading to the development of a user-friendly and complete product.

#### Full Stack Web Application

August 2021 – July 2022

*Whoo*

- Developed a dynamic single-page application (SPA) using React.js, effectively utilizing reusable components and state management libraries such as Redux and the React Context API to ensure efficient data flow and facilitate app extensibility.
- Implemented responsive design principles and leveraged modern CSS, including Sass, to create a visually appealing, mobile-friendly interface with streamlined styling and code organization, resulting in improved accessibility and user experience.
- Integrated a database using MongoDB, Node JS, Express, RESTful design patterns, and CRUD operations to create an intuitive user/group messaging system that extended the application's functionality and enhanced the user experience.
- Implemented password encryption using Bcrypt and authorization with JSON Web Tokens (JWT) for access to private routes, elevating the protection and security of the web application.

### WORK EXPERIENCE

#### Web Designer / Lead Photographer

January 2016 – Present

*Martin Fisher Photography*

*Costa Mesa, Ca*

- Designed and implemented strategic visual solutions to elevate brand identity, resulting in a cohesive design across company marketing materials such as logos, brochures, and social media assets, effectively enhancing the brand's message.
- Enhanced website SEO, implementing targeted optimizations and launching impactful Google Ads campaigns that resulted in a 25% increase in website traffic.
- Created a WordPress website, incorporating a responsive and user-friendly interface, by implementing custom themes, plugins, and widgets, resulting in an intuitive and visually appealing website that boosted user engagement and satisfaction.

### LANGUAGES

#### English

Native or Bilingual Proficiency

#### Spanish

Limited Working Proficiency

