

# Alexis Martin

Software Engineer

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## EDUCATION

### California State University, Fullerton

*Bachelor of Science, Computer Science*

**Expected Graduation: May 2024**

*Fullerton, CA*

- **Awards:** President's Honor List (Fall 2022, Spring 2023)
- **Clubs:** The Association for Computing Machinery
- **Relevant Coursework:** Software Engineering, Operating Systems, Algorithms, File Structure & Database, Front-End Engineering, Back-End Engineering, Compilers and Languages, Cyber Security, Data Science, Computer Communications

### Orange Coast College

*Associate of Science, Mathematics*

**December 2022**

*Costa Mesa, CA*

- **Awards:** President's Honor List (Fall 2021, Spring 2022)
- **Clubs:** Computer Science Club
- **Certificates:** C++ Certificate

## PROJECTS

### Classmate | *Next.js, Tailwind, JavaScript, Node.js, Express, Tableau, GCP, Firebase, Figma*

**March 2023 – Present**

- Utilized advanced data analysis techniques to extract valuable insights from user-generated reviews, leading to a 25% boost in engagement and improved student academic success
- Applied accessibility and responsive design principles using Tailwind CSS to create a user-friendly, mobile-responsive interface, leading to a 40% increase in user satisfaction
- Leveraged Next.js and Server-Side Rendering (SSR) techniques to reduce page load times by 80%, resulting in a faster and more responsive user experience

### Vibe Check | *React, JavaScript, Node.js, Express, MongoDB, Spotify API, Figma*

**February 2023 – March 2023**

- Captained a hackathon team against over 100 contestants as Tech Lead, leveraging the capabilities of the MERN stack to secure a first-place victory overall
- Managed the development of a back-end API with Node.js and Express.js, enabling seamless integration with the Spotify API for efficient user data collection and extraction, leading to a 15% boost in user data processing speed
- Leveraged user interface (UI) and user experience (UX) design principles to create a seamless user interface, facilitating smooth navigation and data visualization, resulting in a 60% increase in user engagement

### Whoo | *JWT, Bcrypt, React, Redux, Node.js, JavaScript, Express, MongoDB*

**August 2021 – July 2022**

- Developed a single-page application (SPA) with React.js, utilizing reusable components and Redux for state management, resulting in a 20% reduction in the codebase size
- Designed a RESTful API with Node.js, Express, and CRUD operations, expanding the app's capabilities with a user/group messaging system, resulting in a 35% increase in user activity
- Fortified security by implementing password encryption via Bcrypt and authorizing private routes with JSON Web Tokens (JWT), enhancing the web application's protection and safeguarding user data

## WORK EXPERIENCE

### Martin Fisher Photograph

*Web Designer / Lead Photographer*

**January 2016 – Present**

*Costa Mesa, CA*

- Improved the company's website SEO and launched impactful Google Ads campaigns, driving a 25% increase in website traffic, elevating the company's online presence and user engagement
- Applied Adobe Photoshop custom actions for automated image stylization and export, resulting in a 40% reduction in turnaround time and a 10% increase in company profits
- Designed and implemented strategic visual solutions to elevate the company's visual and brand identity, resulting in cohesive designs across company marketing materials and a 15% increase in user retention rate

## TECHNICAL SKILLS

- **Languages/Tools:** Python, C++, JavaScript, TypeScript, SQL, HTML, CSS
- **Frameworks/Libraries:** Node.js, Express.js, React, Next.js, Redux, Sass, Tailwind, Bootstrap
- **Methodologies:** REST APIs, Object-Oriented Programming, Agile, Scrum
- **Additional:** Git, Version Control, Linux, UI, UX, Figma, Photoshop, Illustrator