

Alexis Martin

Software Engineer

Costa Mesa, CA | 714-352-1456 | webdeveloperlex@gmail.com
www.linkedin.com/in/webdevlex | www.webdevlex.com | www.github.com/webdevlex

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 2020, Spring 2021, Fall 2021, Spring 2022)
- **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