# 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**                                                          Expected May 2024

Bachelor of Science in Computer Science

Cumulative GPA: **3.82**

Relevant coursework: Software Engineering, Operating Systems, Algorithms, File Structure & Database, Front-End Engineering, Back-End Engineering, Compilers and Languages, Cyber Security, Data Science and Big Data, Computer Communications

**Orange Coast College**                                                                                 December 2022

Associate of Science in Mathematics, 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.
- Utilized 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 Photography**                                                                        January 2016 – Present

*Web Designer / Lead Photographer*                                                                     *Costa Mesa, CA*

- Improved the company's website SEO and launched impactful Google Ads campaigns, driving a 25% increase in website traffic, significantly elevating our online presence and user engagement.
- Implemented 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.

## 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

## LANGUAGES

**English**                                                          **Spanish**

Native or Bilingual Proficiency                                      Professional Working Proficiency