

Alexis Martin
Software Engineer
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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.

Whoop | *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
Native or Bilingual Proficiency

Spanish
Professional Working Proficiency