

Alejandro Vera

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Education

Florida International University: Bachelor of Computer Science (3.5 GPA) | September 2024

Key Courses: Programming(I and II), Discrete Structures, Database Concepts, Computer Tech & Apps, Data Structures and Algorithms

Languages & Skills

React, JavaScript, TypeScript, Next.js, Express.js, MongoDB, Node.js, Java, HTML/CSS, Redux, Storybook, Styled-Components, MUI, Firebase, SASS, Git, MySQL, Agile

Experience

Seminaut Inc: **Software Engineering Intern** | Remote | November 2022 – January 2023

- Collaborated closely with a team of 15+ members, including UX/UI designers and senior software engineers, to enhance and upgrade features using agile methodologies.
- Developed and implemented 15+ custom components, including buttons, cards, headers, and inputs, using React, Storybook, and PropTypes.
- Achieved feature upgrades that resulted in a 20% increase in account registrations, contributing to the young platform's user base growth.

Projects

AlgoSaurus: Hackathon Award Winning Project | React.js | TypeScript | Framer Motion

- Achieved 3rd place out of 620+ participants in the Software Engineering ShellHacks 2022 Hackathon, showcasing teamwork abilities in a fast-paced software engineering environment.
- Designed and launched an interactive algorithm visualizer using TypeScript, React.js, and modular CSS. The visualizer served as a valuable learning tool for beginner programmers, enhancing their understanding of popular algorithms.
- Integrated Firebase for seamless project deployment, ensuring accessibility and scalability of the algorithm visualizer to a wide audience.

ValoShop: React.js | Redux | MUI | Node.js | Express.js | MongoDB | JSONWebToken

- Conceived a full-stack application using the MERN (MongoDB, Express.js, React.js, Node.js) stack, leveraging industry best practices in software engineering and implementing RESTful APIs for seamless data flow.
- Applied a social feature that facilitated user interactions by enabling the addition of friends and seamless sharing of liked skins. Introduced technologies like Redux, JSONWebToken, and MongoDB to create a platform for users to view and compare their preferences.
- Employed a range of front-end libraries and tools, including MUI, Emotion, Yup, and React-Dropzone, to enhance the app's user experience.
- Back-end technologies such as Node, Express, and Bcrypt were utilized to ensure seamless functionality and security, resulting in a mobile-friendly web application that exceeded user expectations.

GameDeals: React.js | Firebase | Modular CSS | Axios | CheapShark API | RSuite

- Employed the CheapShark API to make GET requests and display video games that have discounted deals.
- Manipulated React state management and executed efficient data fetching techniques to seamlessly integrate a Firebase database and authentication system, ensuring a robust and secure foundation for the application.
- Curated an extensive collection of over 400 online game deals from more than 20 renowned game stores, delivering a captivating user experience through an aesthetically pleasing UI layout.