

Julien Lopez

Web Developer



Sacramento, CA



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Determined Front-End focused developer with nearly 3 years of personal experience building web applications using modern technologies such as React, React Native, Node.js. Has a firm grasp on Object Oriented Programming as well as designing UI mockups in various interface design tools such as Figma. Proficient in version control technologies such as Git and Github. Very familiar with web app deployment using technologies such as Github Pages and Vercel.

Projects

www.Thockey.io • *Minimalistic type-testing website built with [React](#)*

- Built a custom animation API to create interactive UX based on React state. Utilized React references and knowledge of closure to update canvas animations with state-data.
- Built my own Text Input components with its own iterator and cursor using React hooks that listens to and updates the UI depending on the state of user input.
- Made use of browser local storage to keep track and display the user's past scores. Planning on implementing a back end to do so in the future and display other user's high scores.

React / CSS / HTML5 / Github Pages

www.JulienLopez.me • *Personal portfolio website built with [NextJS](#)*

- Used TailwindCSS to teach myself how to design React web components using only its CSS utility classes.
- Taught myself the Framer Motion library API to implement smooth, responsive, and orchestral web animations without custom CSS animations.
- Designed and animated a self-portrait SVG that is responsive and smooth by learning the GSAP (GreenSock) animation library and using GSAP timelines to map animations to mouse-movement events.
- Deployed via Github and Vercel using my own domain name.

NextJS / TailwindCSS / FramerMotion / Vercel /

FlexLog • *Android app built with [React-Native](#) and [Expo](#)*

- Implemented CRUD design principles via React Native AsyncStorage library to store and persist user's workout schedule and exercise data.
- Used React Redux to ensure safe React state mutations via Redux's slice API and it's use of the Immer library.
- Created smooth and performant UI by utilizing custom animated components that run on the device's native UI thread using the React Reanimated 2 API.

ReactNative / Reanimated 2 / Redux / Google Playstore

Education & Certificates

Sacramento City College *A.S - Computer Science, (2020 - Present)*

- Certification of Proficiency in Computer Information Sciences and Programming
- Completed Data Structures and Algorithms, Discrete Maths and Intro To Programming in C++ 1 and 2
- **Affiliations**
 - SCC Makerspace Club - A hub for innovation and collaboration in design, science, technology, and engineering
 - CIS Web Professionals Club - Bringing students together studying web development and design, to foster growth, community, and soft skills for job preparation.