

Projects

RaceBase

Node JS, MongoDB, Nuxt, Vue.js, AngularJS, Bootstrap, git, DigitalOcean, Nginx, Google Analytics

A website for runners and coaches to post their results, maintain profiles, keep training logs, and manage teams. Through this project 2 years in the making, I've taught myself many web technologies and REST API architecture and design. Above all, I learned to hold myself accountable to a schedule and manage my time; I work on this every day, 30-40 hours a week. This project has also improved my UX/UI design skills and helped me learn how to gather and implement user feedback.

JANET

Node JS, MongoDB, Nuxt, Vue.js, Bootstrap, git, AWS EC2, AWS Lambda, Alexa Developer Console

Alexa skill that won 2019 CSU Chico Hackathon. Short for JavascriptApplication for iNterfacing EveryThing. Built in 12 hours by myself and two friends, it allows users to create custom key value pairs and query them through Alexa and / or a web interface - for example, adding a list of favorite recipes and later asking Alexa to pick a random item from your recipes collection. Uses natural language to create a pretty useful tool. Gained experience in using git with other people, and dividing work amongst several programmers for optimal results in a given timeframe.

GradeBook

Node JS, MongoDB, React JS, React Native, Google Cloud Platform, Agile, TravisCI, Scrum

Project for Software Engineering course. Easy to use gradebook with unique features like hypothetical grade scenarios for students, syllabus creators and gradebook integration for professors, customizable email alerts, and instant messaging available during office hours. Has developed my ability to collaborate efficiently with a team of people on a software project.

PaceCalc

Swift, Xcode, HealthKit API, Interface Builder, iTunes Connect

iOS application designed to help runner's quickly calculate paces, lap splits, and more. Through PaceCalc, I learned Swift, object oriented programming, and how to design and implement iOS user interfaces through Xcode and Interface Builder.