Christopher Vidic

814-470-2204   chrisvidic.cv@gmail.com   Portfolio   LinkedIn   Github   Boulder, CO

SKILLS: JavaScript, React, Redux, HTML, CSS, Ruby, Ruby on Rails, Mongoose, MongoDB, Node.js, Express.js, SQL, SQLite3, PostgreSQL, Webpack, jQuery, Git, Heroku, Splunk Fundamentals

EXPERIENCE:

Software Engineer

Mojotech, Boulder – Colorado   Dec 2021 – Nov 2022

- Engineer on team of 5-6 developers consulting directly with Angi Services, working primarily in Ruby
- Developed solution to background check bug costing Angi thousands of dollars in unnecessary costs per week
- Implemented restful API for in-app conversations between providers and consumers
- Debugged backend Rails bug resulting in an increase in Angi providers by the thousands
- Architected full-stack, toggleable rebrand and onboarding changes utilizing Rails, Javascript, and React
- Provided constructive code reviews and effectively communicated with client and other developer teams
- Assisted in onboarding incoming engineers, ensuring proper git workflow and fundamentals for project

Mechanical Engineer

Bechtel, Colorado Springs – Colorado   Jul 2019 – May 2021

- Primary engineer for a one-of-a-kind multi-billion dollar chemical weapons destruction facility
- Utilized machine learning statistics and Splunk software to monitor system health and ensure system efficiency
- Acted as lead engineer for a variety of major projects concerning major biotreatment/mechanical systems
- Chosen as engineering technical representative for variety of vendors

PROJECTS:

Streve (*Ruby on Rails, ReactJS, HTML/CSS*)   live | github

Streve is a full stack clone of the popular fitness application Strava

- Utilized ReactJS, CSS3 to develop pixel perfect frontend of the Strava website in two weeks
- Built out a street-smart mapping/routing system developed off of the Google Maps API framework
- Created a seamless Rails backend for persistent storage of user data, workouts, and coordinates
- Leveraged Google Elevation API with a idealized latitude-longitude algorithm for accurate elevation tracking

Crypto Galaxy (*ReactJS, MongoDB, Express, NodeJS*)   live | github

Crypto Galaxy is a social networking site catering to NFT buyers and sellers

- Collaborated with a team of developers to construct a social network for NFT enthusiasts and creators using MERN stack.
- Served as backend lead in charge of MongoDB backend integration with frontend React components
- Incorporated Ethereum price tracking API for accurate pricing and AWS cloud hosting for off-site photo storage/seeding

AvySim (*Javascript, HTML/CSS*)   live | github

AvySim is an educational visualization tool for winter avalanche awareness

- Developed algorithm for accurately predicting avalanche conditions based off inputted user conditions
- Simulated real-world environmental physics through object oriented programming and modular class structure
- Designed animations and responsive UIs through Javascript, HTML/Canvas, CSS3

EDUCATION:

The Pennsylvania State University   2015-2019

Bachelors of Science in Engineering, Mechanical Engineering

Cumulative GPA: 3.48

AppAcademy - *1000-hour immersive full-stack web development intensive*   2021

AWARDS:

NASA FURP Scholarship, George Wykoff Scholarship, Eagle Scout