

SKILLS: JavaScript, React, Redux, Ruby / Rails, HTML5, CSS3, Git, PostgreSQL, jQuery, MongoDB, Express, Node, D3

PROJECTS:

Scarpa *Ruby on Rails, AWS S3, React / Redux*

[live](#) | [github](#)

Full stack inspired by Scarpa Climbing

- Created custom SQL queries and reduced server load through the utilization of Active Record associations and JBuilder to extract data from multiple tables in a single query
- Connected the Rails back end to AWS S3 for media storage and organization while maintaining content security with AWS IAM.
- Implemented custom search using redux store without additional queries to the database

CampList *MongoDb, Express, Node, React / Redux*

[live](#) | [github](#)

Campsite creation site utilizing Google Maps API and user content creation

- Incorporated React-Redux container and Redux selector patterns to architect highly scalable and uni-directional front-end state management.
- Leveraged Google Maps API with React / Redux lifecycles to create and display user created campsite locations
- Implemented comment sections and user profiles following RESTful architecture and proper state / React lifecycle designs

mlbVisual *Javascript, D3, CSS3*

[live](#) | [github](#)

Single page application of home run averages for playoff teams in comparison to the regular season

- Employed the D3 library to categorize and display MLB batting statistics over the 2019 season
- Visualize the batting performance of over 700 players, filtering by team, and display a detailed statistical breakdown of every players performance league wide, as well as a breakdown of the players batting performance compared to their peers

EXPERIENCE:

Medical Scribe

UCSF Urology / Oncology

May 2018 - Aug 2019

- Collaborated with a team with over 30 physicians, residents, and other medical professionals in documenting all diagnoses, treatment plans, prescriptions, and discharge and follow-up information for patients in the 3rd ranked Urology Department in the nation
- Operated Epic EHR software to organize and transcribe results for patients' laboratory tests, operative reports, biopsies, medications and imaging studies

Lab Scientist

Dr. Jonathan Day Neurophysiology Lab

Oct 2015 - Aug 2017

- Studied various softwares and libraries, including R, to quantify experimental data and perform statistical analysis
- Collaborated with team members to design, prepare, and perform various studies of excitotoxicity in the hippocampus using neonatal mice models
- Updated and prepared for scientific publication on experimental results

EDUCATION:

Chico State University - *Bachelor of Science Cell / Molecular Biology*

Dec 2017

AppAcademy - Software development course with focus on full stack web development Aug 2019 - Dec 2019