

JOSHTURGEON

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SKILLS Ruby, Ruby on Rails, RSpec, JavaScript, jQuery, React, React Native, Redux, SQL, Git, HTML5, CSS3, TDD

PROJECTS

Soundify (Rails, ReactJS) | *Sole Developer*

[github](#)

Colorful web app allowing users to create, edit and listen to custom playlists by searching through songs and artists

- Single-page structured React.js app consuming RESTful Rails API
- Users can continuously play their favorite songs or playlists without interruption while navigating the site
- Custom CSS styling throughout application

React-Redux Todos (Rails, ReactJS) | *Sole Developer*

[github](#)

Fun and friendly Todos app that lets users create, view, edit, and delete todos

- Single-page structured React.js app with a RESTful Rails API that updates and persists your changes to todos
- React.js front-end updates Todos list upon changes without a page refresh
- Custom CSS Styling throughout application

RightToSpeak – Hack for Change (React Native) | *Developer on team of 6 Hackers*

[github](#)

Worked with a team to develop a working Augmented Alternative Communication application in React Native

- Collaborated and managed early strategies for overall structure and design
- Researched APIs for speech, animations, and image styling
- Designed, implemented, and tested React Native components
- Worked with the team to review git pull requests and merge management

Asteroids (JavaScript) | *Sole Developer*

[github](#)

Browser version of the arcade classic

- Renders graphics using HTML5 Canvas element
- Collision detection system for asteroids, bullets, and ships

ENGINEERING EXPERIENCE

Project Manager

Pan Pacific Mechanical

Feb 2016 – Sep 2017

- Oversaw several multi-million dollar HVAC design-build construction projects
- Performed preliminary design calculations, compiled bid estimates, and built project budgets
- Created monthly projections, headed weekly team productivity meetings, coordinated with engineering team
- Interfaced with clients, implemented detailed plans of action, maintained strict safety policies on jobsites

Project Engineer

Southland Industries

July 2013 – Jan 2016

- Designed large steam water heating system for MLK building at UC Berkeley and helped oversee the review, build, and testing of the system
- Assisted team with pertinent information on building codes, design requirements, and time constraints
- Planned, coordinated and oversaw large Apple data center project in Sparks, NV

EDUCATION

BS Mechanical Engineering – *California Polytechnic State University, San Luis Obispo (2013)*