

# JOSHTURGEON

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

## PROJECTS

**SMARTodos (Rails, ReactJS) | Sole Developer**

[github](#) | [LIVE](#)

*Fun and friendly Todos app that lets users create, view, edit, and delete todos with SMART goal principles*

- 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

**Asteroids (JavaScript) | Sole Developer**

[github](#) | [LIVE](#)

*Browser version of the arcade classic*

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

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

[github](#) | [DEMO](#)

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

- 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

**Soundify (Rails, ReactJS) | Sole Developer (In Progress)**

[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

## ENGINEERING EXPERIENCE

**Project Manager**

*Pan Pacific Mechanical*

Feb 2016 – Sep 2017

- Achieved above average profit margins on several multi-million dollar HVAC design-build construction projects
- Spearheaded design efforts, bid estimates, and prelim budgets that helped win crucial projects
- Inspired and encouraged my construction team and coached my laborers through successful and productive projects
- Impressed clients and exceeded their expectations with transparency, reliability, and trust

**Project Engineer**

*Southland Industries*

July 2013 – Jan 2016

- Achieved early recognition for designing a large steam water heating system for MLK building at UC Berkeley with only weeks of experience
- Assisted team with pertinent information on building codes, design requirements, and time constraints
- Gained full responsibility for multimillion dollar Apple data center project in Sparks, NV with only a year of experience

## EDUCATION

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