

George Gruner

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Programming Languages:
Javascript • Python • SQL • HTML • CSS

Tools and Frameworks:
React • React Native • Redux • Express • Flask • PSQL • Firebase • Jest • Git

WORK EXPERIENCE

Software Engineer Intern (*Jump Off Campus*)

April 2020

- Full stack web application for connecting university students to local housing
- Created front-end UI that allowed users to interact with local listings using Google Maps API
- Created full CRUD functionality to manage points of interest on map feature using Ruby on Rails Scaffolding
- Designed authorization process using CanCanCan library
- Wrote and edited tests using RSpec to ensure that added code functioned as designed.
- **React, Ruby on Rails, Git**

Mechanical Project Engineer (*Mueller Associates*)

September 2012-June 2019

- Mechanical, Electrical, and Plumbing engineering design firm specializing in museums, universities, and commercial laboratories.
- Sized and designed equipment and other system components to meet local code requirements, ASHRAE guidelines, and specific owner requests.
- Collaborated both internally and externally with a multifaceted design team to ensure that deliverables were well integrated and functioned as designed.
- Created detailed mechanical models using Autodesk Revit three-dimensional modeling software to actively coordinate mechanical layouts and provide clear and accurate project documents.
- Edited product data specifications and reviewed contractor submittals to ensure proper equipment was installed.
- Projects include National Air and Space Museum, Salisbury University Academic Commons, George Mason Peterson Hall, Northrop Grumman (miscellaneous), National Museum of Women in the Arts

PROJECTS

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- Mobile App on Android and iOS using positive reinforcement to help patients of TBI with therapy
- Designed and implemented app to aid friend who suffered traumatic brain injury
- Currently available on apple store. Adding to Google Play for Android in progress
- **React Native, Redux, Expo, Firebase, Git**

EDUCATION

Rithm School (*San Francisco, CA*)

January 2020-April 2020

- Full Stack Web Development Bootcamp

Washington University in St. Louis (*St. Louis, MO*)

September 2008-May 2012

- BS. in Mechanical Engineering with a Minor in Finance