



## Projects

### Sole Developer

**React Redux File Generator** | [Live](#) | [GitHub](#)*A npm JavaScript module that generates frontend file templates for react/redux*

- Over 3500 downloads on npmjs.com since January, 2017.
- Utilized JavaScript file system to generate file templates to speed up project creation and eliminate common import/export errors.

### Full-Stack Developer

**Tempo** | [Live](#) | [GitHub](#)*A single page music streaming web application built with Rails, React, and Redux*

- Utilized React Sound and designed a custom interface to implement a music player that continuously plays while the user browses the site.
- Created music search and rendered the result in real time, while minimizing the number of database queries.

### Full-Stack Developer

**Eezee** | [Live](#) | [GitHub](#)*A React-Native mobile app that uses public API to query movies in streaming.*

- Learned react-native in one week and built a cross platform mobile application.
- Utilized Guidebox API to query over 300 video streaming services via a single API call.
- Incorporated Google Firebase backend authentication with React Native and Redux frontend.

## Skills

**Ruby On Rails**  
**JavaScript****SQL**  
**Git****HTML5**  
**CSS3****ReactJS / Redux**  
**React Native**

## Education

### App Academy

*full-stack programming bootcamp, <5% acceptance rate*Nov 2016 – Feb 2017  
San Francisco, CA

### University of Pittsburgh

*B.S. in Chemical Engineering, GPA: 3.8*Aug 2008 – Apr 2012  
Pittsburgh, PA

## Experience

### Lead Wireline Field Engineer

*Schlumberger, Halliburton, & C&J Energy Services*June 2012 – Feb 2015  
PA, TX, LA

- Was the lead engineer on site and managed 5 to 15 people, including third party companies, and generated over \$10 million in revenue.

### Business Development Intern

*Elliott Group*May 2011 – Aug 2011  
Jeannette, PA

- Created Excel Visual Basic program to scrape Elliott Group's and its competitors' sales data to determine the optimal projects to bid on and adjust pricing.
- Automated net present value (NPV) calculations using Visual Basic to determine future profitability of every research project and to prioritize those projects based on their NPV value.

### Research Assistant

*RWTH Aachen University*May 2010 – July 2010  
Aachen, Germany

- Optimized MatLab program to analyze data from hundreds of hours of experiment data to calculate oxygen/carbon dioxide transfer rate in bioreactors.