



## Projects

### Project Manager, Lead Developer

Youtube Desktop | [Live](#) | [GitHub](#)*A cross platform desktop client for Youtube built using Electron and React.js*

- Manage the repository, review collaborator's code, and merge pull requests.
- Utilized Webpack to split codebase to small files to improve application load speed.
- Implemented OmniAuth 2.0 to customize user experience using Youtube Data API.

### Sole Developer

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

- Over 13,000 downloads on npmjs.com since January, 2017.
- Utilized JavaScript file system to generate file templates to automate project creation and eliminate common errors.

### Full-Stack Developer

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

- Designed a custom music player interface that continuously plays while the user browses the site.
- Created live search result rendering, while minimizing number of database queries.

### Full-Stack Developer

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

- Utilized Guidebox API to query over 300 video streaming services via a single API call.
- Incorporated Firebase backend authentication with React Native & Redux frontend.

## Skills

Ruby On Rails  
JavaScriptSQL  
GitHTML5  
CSS3ReactJS / Redux  
React Native

## Education

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

## Experience

JumpStart TA  
*App Academy*Feb 2017 – Present  
San Francisco, CA

- Taught Ruby to prospective students by providing one-on-one support and introducing programming concepts in lectures of 20+ students.
- Prepared and delivered lectures and live coding demos on Ruby topics on debugging, code logic, and programming fundamentals.

### Lead Wireline Field Engineer

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

- Managed 5 to 15 operators, including third party companies.
- Generated over \$10 million in revenue.

### Business Development Intern

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

- Developed a 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 research projects and prioritize projects based on NPV values.