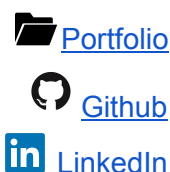


# Madeline LeClair

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## Skills

Ruby, Rails, JavaScript, jQuery, React, Redux, SQL, Git, HTML, CSS, RSpec

## Projects

### Project Launch (Ruby on Rails, JavaScript, React, Redux)

[live](#) | [github](#)

*A single-page web application inspired by Kickstarter*

- Leveraged ActiveRecord and SQL joins to limit the number of queries to the database by fetching data from multiple tables in a single AJAX request
- Utilized Redux state and RESTful conventions to allow users to create projects and add and remove rewards
- Hosted images on AWS to increase the load speed of the application

### Tetris (JavaScript)

[live](#) | [github](#)

*A browser based puzzle game, recreating a classic implementation of tetris*

- Stored the current position of each piece as a property on its prototype to increase the game's render speed and ensure smooth game play
- Implemented two dimensional mathematical rotational function and duck typing for non-rotating pieces to create DRY rotational ability for all pieces

### DOM Swap (JavaScript)

[github](#)

*A JavaScript library to transverse and manipulate the DOM*

- Utilized vanilla DOM manipulation to provide users with functions such as adding and removing class names and sending AJAX requests

## Education

### App Academy

2017

1,000 hour full-stack programming bootcamp with <5% acceptance rate

### DePauw University

2010 – 2014

B.A. in Economics and Management with a 3.57/4.0 GPA

## Experience

### Jumpstart TA – App Academy

2017 – Present

- Plan and execute lectures covering Ruby and programming best practices

### Industry Research Analyst – IBISWorld

2016 – 2017

- Specialized in creating reports about software and technology industries by analyzing large sets of data and creating revenue models in Excel

### Account Manager – Try the World

2015

- Analyzed survey data to understand customers' reaction to individual products in Try the World's subscription box and provide insights to brands about their products featured in the box