Madeline LeClair

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📁 Portfolio
Github
LinkedIn

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 each piece's current position 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

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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

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