

EMILY HANSEN

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PROJECTS

Happeningbrite (Ruby on Rails, React.js, and Flux)

[LIVE](#) | [GITHUB](#)

A full-stack, single page application that allows users to plan, promote, and sell tickets to events, inspired by Eventbrite.

Ensures database security by validating user authentication on the back-end for Happeningbrite login, preventing invalid event promoting using BCrypt.

Leverages the Eventbrite Flux cycle with React allowing users to create events, save events, and purchase tickets to events, and dynamically edit the DOM using API calls to the SQL database.

Uploads user generated images to the cloud using Amazon Web Services S3 and Paperclip, saving reference as an attachment in a PostgreSQL database.

Donut Crush (JavaScript, jQuery, and CSS3)

[LIVE](#) | [GITHUB](#)

Browser-based game inspired by Candy Crush.

Implements Howler.js audio library for swapping and destroying effects.

Performs dynamic DOM manipulation with Vanilla JavaScript (ES6) and jQuery to implement the swap and destroy functionality.

Constructed a 2D-array grid system to handle swapping and matching.

RubyRM (Ruby and SQL)

[GITHUB](#)

Object Relational Mapping inspired by ActiveRecord.

Supports Ruby's extensive metaprogramming and SQL to simplify database queries.

Infers table names by default when making associations between classes.

SKILLS

Ruby, JavaScript, Redux, jQuery, HTML5, Rails, React, PHP, SQL, CSS3, Python, Java, Assembly Language, ATS, RSpec, Pixelmator, Flux

EDUCATION

App Academy - New York, NY, software engineering curriculum with an emphasis on full-stack development, algorithms, and data structures, 2017

Boston University - Boston, MA, Computer Science Major, 2016 - 2017

Connecticut College - New London, CT, Computer Science Major, 2015 - 2016

WORK HISTORY

Assistant Child Caregiver

US Coast Guard Child Development Center, New London, CT

2015 - 2015

Provided exceptional care to children six months to two years.

Proficient in communicating with children at different developmental stages.
Prepared and served meals, and performed light housekeeping duties.