

JENNY JUAREZ

jenny.juarez.12@dartmouth.edu • (386) 333-4018
131 W 75th St • Apt 5A • New York, NY • 10023



PROJECTS

PINFLIX (React, Ruby on Rails)

[Github](#) [Live](#)

Flux-architecture movie discovery website inspired by Pinterest

- Binds a listener to the window resize event to dynamically animate the grid layout
- Reliably renders React components upon page refresh by using RESTful operations to repopulate the emptied stores already mounted in the virtual DOM.
- Improves user search experience by indexing across tables and categorizing results

PHANTOMS (JavaScript, HTML Canvas)

[Github](#) [Live](#)

Interactive browser game inspired by Asteroids

- Detects collisions using a rotational matrix in a left-handed Cartesian coordinate system
- Incorporates keymaster.js, a lightweight micro-library to define intuitive key shortcuts

WHEELS (Ruby)

[GitHub](#)

Web framework inspired by Rails

- Builds HTTP responses using Rack Middleware to access the request environment
- Keeps code DRY by implementing object oriented design to create controller instances and custom routes

SKILLS

React/Flux
MVC Architecture
JavaScript

Ruby/Rails
SQL
Git

jQuery
HTML/CSS
TDD

EDUCATION

App Academy, New York, NY

2015 - 2016

Rigorous full stack web development program with < 3% acceptance rate

- Immersive 1000 hour program teaches TDD, algorithms, best practices, pair programming, and design patterns

Dartmouth College, Hanover, NH

2008 - 2012

B.A Film and Media Studies modified Digital Arts

- **Coursework:** Intro to Computer Science, Computational Thinking, Problem Solving: Object Oriented, Programming Interactive Digital Arts, Computer Animation, 3-D Digital Modeling, Calculus, Physics, and Statistics

EXPERIENCE

Women Who Code Volunteer - WWC, New York, NY

2015 - Present

- Organizing speed networking event involving 15 companies and 30 women

Buyer - Finance, City of Port Orange, FL

2014 - 2015

- Analyzed spending and performance on over 1,850 requisitions (\$17 million)
- Streamlined policies and procedures to reduce admin overhead by up to 50%
- Collaborated with directors, staff, and engineers on over 35 formal solicitations
- Innovated a method to enter change orders, resolving legacy system discrepancies