

JENNY JUAREZ

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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
- Integrates RESTful operations into mounted React lifecycle components in the virtual DOM by refetching from the server upon page refresh
- 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 keyboard shortcuts

RAILS-LITE (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 define controller methods and add custom routes

SKILLS

React.js	Ruby	jQuery
JavaScript	Ruby on Rails	HTML
Flux Architecture	SQL	CSS
MVC Architecture	Git	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