

# Patrycja Lupinska

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## PROJECTS

### INDIEFOMO (Ruby on Rails, React.js, Redux, PostgreSQL)

[GitHub](#)

[Live](#)

A single page crowdfunding application inspired by Indiegogo

- Created a CRUD application with reusable components to keep code DRY and modular
- Improved full text search to use weighted attributes, returning results in order of relevance to the user
- Optimized size and quality of user uploaded images using paperclip for faster rendering on the client

### PONG (JavaScript and HTML Canvas)

[GitHub](#)

[Live](#)

A remake of the classic Atari game (single player)

- Calculated collision physics associated with the game to simulate realistic movement
- Utilized Vanilla JavaScript to dynamically update UI components for visual feedback on game progress

### NEWS JUNKIE (React Native)

[Github](#)

A mobile application using the Cognik API and Firebase

- Created and developed user profiles through captured interactions with content (likes, dislikes)
- Leveraged the Cognik API to consume interactions and generate content recommendations for users

## TECHNICAL SKILLS

JavaScript | React | Redux | React Native | Rails | HTML5 | CSS3 | TDD | jQuery | AWS S3

## EXPERIENCE

### Persado, NYC

Oct 2014 – Feb 2017

#### Executive Assistant

- Worked closely with the Founder and CEO, managing travel, meetings, and events
- Lead and executed numerous research projects such as offsite event planning, research and implementation of an organization wide travel management system

### Rutgers University

May 2013 - 2014

#### Undergraduate Researcher

- Managed and reported on the progress of a research project that consisted of full chemical synthesis, purification, and subsequent data analysis of target product.
- Work published in ACS Macro letters and Inorganic Chemistry.

## EDUCATION

### App Academy, Feb-May 2017

1000 hour full stack coding school with <5% acceptance rate.

### Rutgers University, 2014

BS Applied Mathematics and Chemistry