

# Patrycja Lupinska

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## PROJECTS

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

[GitHub](#)

[Live](#)

A single page crowdfunding application inspired by Indiegogo

- Implemented full user authentication using BCrypt to store hashed user passwords
- Improved full text search to use weighted attributes, returning results in order of relevance to the user
- Used AWS S3 to persist images uploaded by the user

### PONG (JavaScript and Canvas API)

[GitHub](#)

[Live](#)

A remake of the classic Atari game (single player)

- Calculated collision physics associated with the game in order to simulate realistic movement

### JQWERTY (JavaScript)

[GitHub](#)

A jQuery inspired library written in Vanilla JavaScript

- Implemented a DOM manipulation library in pure Vanilla JavaScript

## TECHNICAL SKILLS

JavaScript | React | Redux | Rails | HTML5 | CSS3 | Git | 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