

# JEFFREY BARSZCZ | WEB DEVELOPER

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## PROJECTS

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**BeatSoup (Github):** A web application inspired by the popular social music site SoundCloud.

- Written in Backbone.js, consuming a RESTful JSON API served by a Ruby on Rails backend.
- Single-page app with Backbone composite views, making heavy use of AJAX, allowing for a now-playing queue that persists across a user's session.
- Overrides Backbone.sync to better facilitate error handling.

**JSteroids (Github):** A browser-based JS version of the classic game Asteroids.

- Extends JS's Array prototype to add functions for vector math.
- Utilizes HTML5 Canvas for animation.

**ActiveRecord Lite:** A basic reimplement of Ruby on Rails' ActiveRecord ORM library.

- Takes advantage of Ruby's powerful reflection and metaprogramming facilities, including `send` and `define_method`
- implements search queries, insert/update, and associations

## SKILLS

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Ruby, Rails, Javascript, jQuery, Backbone.js, Python (learning), HTML(5), CSS, Git, PostgreSQL, Drupal 6 & 7, TDD, L<sup>A</sup>T<sub>E</sub>X

## WORK EXPERIENCE

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### Web Developer

George Washington University

Columbian College Office of Technology Services

2013

Washington, DC

- Built and maintained web sites using Drupal CMS
- Learned Drupal 6 and 7 while on the job
- Participated in migration of over 60 department websites from an old, poorly-documented Drupal 6-based platform to a new Drupal 7-based one
- Managed Google Analytics for these sites
- Wrote internal documentation for site maintenance tasks on the new platform

## EDUCATION

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### App Academy

Learned Ruby, Rails, Javascript and Backbone

5% acceptance rate

November 2014–January 2015

New York, NY

### B.A. International Affairs

George Washington University, Elliott School of International Affairs

Class of 2014, Concentration in Security Policy, Minor in Economics

GPA: 3.72

August 2010–May 2014

Washington, DC