JEFFREY BARSZCZ | WEB DEVELOPER

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PROJECTS

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

ActiveRecord Lite: A basic reimplementation 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

Ruby, Rails, Javascript, jQuery, Backbone.js, Python (learning), HTML(5), CSS, Git, SQL, Drupal 6 & 7, TDD, LaTeX

WORK EXPERIENCE

Web Developer   **2013**
George Washington University   *Washington, DC*
Columbian College Office of Technology Services

- 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

App Academy   **November 2014–January 2015**
                                                                                      New York, NY

Learned Ruby, Rails, Javascript and Backbone
5% acceptance rate

B.A. International Affairs   **August 2010–May 2014**
George Washington University, Elliott School of International Affairs   *Washington, DC*
Class of 2014, Concentration in Security Policy, Minor in Economics
GPA: 3.72