

JEFFREY BARSZCZ | WEB DEVELOPER

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PROJECTS

BeatSoup (Live | 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.

Fixpoint (Live | Github): A reader for [Hacker News](#) written with React.js.

- Leverages React's fast virtual DOM to create a highly performant single-page app.
- Consumes Hacker News' Firebase API, allowing for real-time updates.
- Features live search/filter of current top 100 stories on HN.

JSteroids (Live | 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 (Github): 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, Node.js, React.js, Python, HTML(5), CSS, Git, PostgreSQL, Drupal 6 & 7, TDD, \LaTeX

WORK EXPERIENCE

Web Developer

September–December 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
- Migrated over 60 department websites serving over 10,000 students and faculty 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

Learned Ruby, Rails, Javascript and Backbone

New York, NY

- 5% acceptance rate, 10% attrition rate

B.A. International Affairs, Magna Cum Laude

August 2010–May 2014

George Washington University, Elliott School of International Affairs

Washington, DC

- Minor in Economics
- Coursework in mathematics up to and including Multivariable Calculus