

# Benjamin Cappello

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## Projects **Listener** (Rails, Backbone) [Live](#) | [Github](#)

*A music sharing ecosystem where users create music blogs, add songs, and discover music.*

- Implements infinite-scroll through custom JavaScript in the browser and the Kaminari gem in the back-end.
- Pulls metadata from uploaded audio files including album art.
- Stores audio and image files with Amazon S3 Web Services.
- Users can navigate through site without interrupting music playback.

## **Asteroids** (JavaScript, jQuery) [Live](#) | [Github](#)

- JavaScript browser game made with HTML5's canvas.
- Uses trigonometric functions to recalculate angle of ship rotation for forward thrusting and bullets.

## **Bulletin Stack** (Rails, Backbone) [Live](#) | [Github](#)

*Project management application.*

- Uses custom CompositeView class with recursive #remove method to eliminate zombie views.
- Uses jQuery UI for dragging and dropping of lists and cards, saving order to database through custom AJAX requests.

**Skills** Ruby, Rails, JavaScript, Backbone.js, jQuery, SQL, RSpec, PostgreSQL, HTML5, CSS3, Git

## **Work** **Lead Research Analyst (European Executive Compensation Team)** 2012 - 2014 Glass Lewis & Co., 44 Wall St., New York, NY

- Built software used to evaluate executive compensation policies in Europe.
  - Member of team of three that ported existing codebase for the US compensation model and tailored it to European market practices.
- Managed European Compensation Team (10 associates) within the European Research Group.
- Manipulated and analyzed large datasets to draw conclusions for the annual Season Review Report.

## **Paralegal** Nunziante Magrone (Italian Civil Law Firm - Rome, Italy) 2009 - 2011

- Edited and translated investment prospectuses for foreign financial products.
- Drafted advice letters regarding Italian estate, tax, and corporate law.

## **Education** **University of California Berkeley** 2005 - 2009

B.A. Rhetoric

- 3.6 GPA, Graduated with Honors (top 10% of department)
- Relevant coursework: *CS 61A*, *CS 61B*, *Calculus 1A & 1B*
- SAT scores: Math: 770, Verbal: 720