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
- Managed European Compensation Team (10 associates) within the European Research Group.
- 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.
- 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 **App Academy** 598 Broadway, New York, NY 10012   2014 - 2015
- Immersive software engineering program with admission rate below 5%.
- Emphasizes coding style and best practices for scalable robust code.

University of California Berkeley   2005 - 2009
B.A. Rhetoric
- 3.6 GPA, Graduated with Honors (top 10% of department)
- Relevant coursework: *CS 61A* (Intro course for CS majors), *Calculus 1A & 1B*
- SAT scores: Quantitative: 770, Verbal: 720