

# Daniel Gonzalez

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## Projects

**Feeder** | live | github

*Ruby on Rails and Backbone.js*

- A clone of the popular news reading app Feedly
- Opens rss feeds, parses xml documents representing news articles, and saves the data in a server
- Allows users to view and save articles using Backbone.js, AJAX requests, and customized API's.
- Ensures only one Backbone model of every Rails model exists in the application, significantly improving performance

**Asteroids** | live | github

*Javascript and HTML5 Canvas*

- Handles the logic of the classic arcade game using object-oriented programming in JS
- Renders the game in a HTML5 canvas element

**Tic-Tac-Toe** | live | github

*Ruby*

- Separates the paper and pencil game into Ruby classes representing the board, game logic, human moves, and computer moves
- Implements depth first search to create a computer AI that chooses only winning or tying moves

## Skills

- Ruby, Ruby on Rails, JavaScript, jQuery, Backbone.js, Java, Python, SQL, Git, HTML, CSS

## Professional Experience

**Van Cortlandt Park Conservancy**, Bronx, NY

06/2013-07/2014

*Communications Coordinator*

- Administered content management system and constituency relationship management software
- Improved internal operations by developing a strategic one year plan for the organization

**Central Singapore Community Development Council**, Toa Payoh, Singapore

06/2012-07/2012

*Network Department Intern*

- Advised the Council on GIS
- Wrote project proposals for the Council

## Education

**Columbia University, Columbia College**, New York, NY

Bachelor of Arts in Urban Studies and Political Science

09/2009-05/2013

Relevant Coursework: Calculus III, GIS Methods and Case Studies, Symbolic Logic

**San Diego Mesa College**, New York, NY

Accelerated College Program for High School Students

09/2007-06/2009

Relevant Coursework: Calculus with Analytic Geometry I & II, Discrete Mathematics, Linear Algebra