Daniel Gonzalez

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Projects

Feeder

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

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

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   09/2009-05/2013

Bachelor of Arts in Urban Studies and Political Science

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

San Diego Mesa College, New York, NY   09/2007-06/2009

Accelerated College Program for High School Students

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