

Sung Jin Kim

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PROJECTS

Question To All Answers (*Ruby on Rails, Backbone.js*) | [live](#) | [github](#)

Text and annotation sharing app inspired by Genius

- Built a single-page Backbone.js app on a RESTful Rails architecture
- Overrides Backbone's default Model#parse to replicate Rails associations
- Uses "[Rangy](#)", a cross-browser Javascript library, to index & annotate lyrics

PokeSnake (*Javascript, HTML5, CSS, jQuery*) | [live](#) | [github](#)

Snake game built with Javascript, sprite sheets & HTML5 audio elements

- Uses CSS @keyframes to animate, blink and fade in HTML elements
- Positions sprites sheets using jQuery to toggle HTML classes
- Integrates HTML5 audio elements to play soundtracks during game play

Asteroids (*Javascript, HTML5, jQuery*) | [live](#) | [github](#)

Asteroids game built with Javascript & HTML5 Canvas

- Uses trigonometry and vector math for distance and velocity
- Dynamically updates score and lives using HTML canvas fillText method

Chess (*Ruby*) | [github](#)

Command line version of Chess

- Applies multiple levels of class inheritance to keep the code DRY
- Uses "Colorize" gem to render the board with colors

SKILLS

Ruby	Ruby on Rails	SQL	HTML	CSS
JavaScript	Backbone.js	jQuery	Git	TDD

EXPERIENCE

Info Tech Intern - *Success Academy Charter Schools (Jun - Aug, 2013)*

- Maintained and imaged Apple products for 20 schools
- Trained over 100 new and incoming staff, facilitating equipment operation
- Tested and launched new Student Information Systems as a QA tester

Teacher - *Reading Town (Jun 2011 - Feb 2012)*

- Instructed 6th and 7th graders in mathematics and writing
- Tutored students individually for Specialized High School Admissions Test

EDUCATION

Web Development - *App Academy (Jun 2015)*

- Full stack web development course with an admission rate of less than 3%
- Instruction emphasizes coding style, pair programming and best practices

Bachelor of Science - *New York University (May 2014)*

Management Information Systems

- Programmed a time management sheet for NYC Subway riders with Excel VBA
- Constructed a music store website database with Microsoft SQL Server 2012