

# 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*

- Single-page Backbone.js app powered by a RESTful Rails architecture
- Overrides Backbone's default Model#parse to relate subordinate models
- Uses "[Rangy](#)" to index lyrics and deliver cross-browser user experience

### **It's Morphin Time** (*Three.js, Tween.js*) | [live](#) | [github](#)

*Morphing particle system built with Javascript, Three.js and Tween.js*

- Creates an immersive 3D visualization of a particle system with Three.js
- Alters and renders the vertices of particle system to produce 3D animation

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

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

- Uses CSS @keyframes to control the intermediate steps in animation
- Toggles HTML classes using jQuery to optimize sprite sheets positioning
- Embeds native HTML5 audio elements to efficiently play soundtracks

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

*Command line version of Chess*

- Applies multiple levels of class inheritance to keep the code DRY and modular

## SKILLS

|            |               |        |      |     |          |
|------------|---------------|--------|------|-----|----------|
| Ruby       | Ruby on Rails | SQL    | HTML | CSS | Three.js |
| JavaScript | Backbone.js   | jQuery | Git  | TDD | D3.js    |

## EXPERIENCE

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

- Maintained and imaged Apple products for over 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