

# Frankie Simms

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## PROJECTS

**Linguauna (Rails, React/Flux)** | [live](#) | [github](#)

*A gamified, Duolingo-inspired web app for language learning*

- Saves users' progress through completion models with polymorphic associations
- Implements OmniAuth for simple signin through Google+ and Facebook
- Sets data in cookies to track current course and language even when signed out
- Stores hashed passwords using the BCrypt gem for secure authentication

**Cosmic Rush (Javascript, HTML5)** | [live](#) | [github](#)

*A colorful, Space Invaders-style shoot-em-up game for the browser*

- Registers object collisions by employing two different collision-detection algorithms
- Animates sprites smoothly using HTML5 Canvas' `requestAnimationFrame`
- Enemies move in interesting patterns by means of vector math and linear equations

**RecLite (Ruby, SQL)** | [github](#)

*An Object Relational Mapping system with the core functionality of ActiveRecord*

- Metaprograms functions for conveniently finding models based on their attributes
- Tiered inheritance and multiple modules keep the code DRY and extensible
- Cuts down queries by stacking `where` conditions, only firing queries when needed

## SKILLS

<b>Ruby</b>	<b>Rails</b>	<b>SQL</b>	<b>HTML/CSS</b>	<b>RSpec</b>
<b>JavaScript</b>	<b>jQuery</b>	<b>React</b>	<b>Flux</b>	<b>Git</b>

## EDUCATION

**App Academy** 2015–2016

- Immersive 1000-hour full-stack web development course
- Accepts fewer than 3% of all applicants
- Topics include TDD, algorithms, OOP, coding style, and single-page apps

**Williams College – Bachelor of Arts in English** 2010–2014

- GPA 3.4

**SIT World Learning – Semester abroad in Cusco, Peru** 2013

- Composed a 30-page final ethnomusicology paper entirely in Spanish

## EXPERIENCE

**Copywriter – Virtucom Group** 2014–2015

- Produced up to 100 pieces of SEO-focused product copy every day
- Proofread 35–75 pieces of copy daily, often ahead of schedule for client delivery

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