Frankie **Simms**

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PROJECTS

Linguana (*Rails, React/Flux*) | [live](#) | [github](#)
A gamified, Duolingo-inspired web app for language learning
• Saves user's 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

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
• Lazily evaluates 'where' clauses to reduce queries by only firing them when needed

SKILLS

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

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, ahead of schedule for client delivery