

Kata Martin

1405 25th Ave. • San Francisco, CA • 94122

PHONE (206) 293 - 2102 • **E-MAIL** katasm@gmail.com

LINKEDIN <http://www.linkedin.com/in/katamartin>

GITHUB katamartin

PROJECTS

Chef Genius (*Rails, Backbone*) | [live](#) | [github](#)

Recipe annotation website inspired by Rap Genius.

- Single page Backbone app built with RESTful JSON Rails API
- Create annotations by highlighting text
- Utilizes polymorphic associations to maintain clean database and DRY code
- Eagerly loads nested associations to create content-rich pages

Snake (*JavaScript*) | [live](#) | [github](#)

Classic snake game made in JavaScript.

- Uses vector addition and image transformation to simulate movement
- CSS and jQuery selectors animate game

Active Record Lite (*Ruby*) | [github](#)

A pared-down clone of the Rails model layer.

- Provides a base class for ORM models
- Performs queries, updates, and inserts into tables in database
- Obeys “convention over configuration” paradigm

SKILLS

Ruby | Ruby on Rails | Javascript | jQuery | Backbone | HTML | CSS | SQL | Git | Python

EDUCATION

App Academy - San Francisco, CA (*June - September 2015*)

- Immersive full-stack web development course, acceptance rate <5%

Reed College - Portland, OR (*2011- 2015*)

- Bachelor of Arts in Chemistry
- GPA 3.47, Commendation for Excellence
- Coursework Highlights: Multivariable Calculus, Linear Algebra, Introduction to Computing, Algorithms and Data Structures, Computer Graphics

EXPERIENCE

Tutor for Analysis and Quantum Mechanics Courses

Reed College Academic Support Services (2014 - 2015)

- Explained technical concepts to students
- Modeled strategies of academic success in courses in math and chemistry

Research Assistant

Reed College Chemistry Department (May - August 2014)

- Implemented computational chemistry techniques new to the department
- Successfully computed reaction pathways for racemization reaction of interest