

Robert Kim

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Projects

covEtsy (React.js, Ruby on Rails) [Live](#) | [Github](#)

Single-page fullstack app based on Etsy, the marketplace for handmade goods

- Leverages client-side validations to prevent unnecessary server requests
- Persists shopping cart across sessions using cookies
- Integrates Facebook and Google OAuth to streamline registration/login

A.I. Snake (JavaScript, CSS) [Live](#) | [Github](#)

Web browser implementation of the game Snake with an intelligent A.I. player

- Calculates A.I. behavior with target homing & collision detection algorithm
- Manipulates the DOM with jQuery to provide instant visual feedback

ActiveRecord Lite (Ruby) [Github](#)

Ruby Object Relational Mapping inspired by Rails' ActiveRecord Library

- Generates methods using Ruby metaprogramming to simplify SQL queries
- Caches table columns in instance variables to minimize database queries
- Creates associations with conventional defaults to reduce boilerplate code

Skills

JavaScript	jQuery	Ruby	SQL	HTML	Git
React.js	Flux	Rails	AWS	CSS	TDD

Education

AppAcademy, 2015 – 2016

12-week intensive full-stack web development course, <3% acceptance rate

- Emphasis on CS fundamentals, pair programming, and best practices

Williams College, 2007 – 2011

B.A. Biology & Studio Art

- Related Coursework: Introduction to Computer Science (Java)

Experience

Gaonnuri, 2013 – 2015

Bartender

- Guided the expansion of the wine list, more than doubling selections and increasing wine sales over the previous year.

 github.com/RobertYKim

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