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

App Academy, *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

App Academy, 2016 -- Present
Teaching Assistant
- Communicated new programming concepts and best practices
- Led students through debugging process and conducted code reviews

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   linkedin.com/in/RobYKim   robkim.io