

krishna kulkarni

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PROJECTS

KrishList | [github](#) | [live](#) | *Classified ads listing web application modeled after craigslist.com.* Polymorphic, compound associations to DRY-ly implement creating, viewing, and filtering for ads in 100+ idiosyncratic ad categories and to enable alerts to notify offline users of newly posted ads that meet their criteria. UJS and Backbone for client-side filtering and new-ad-posting based on idiosyncratic ad attributes. *RoR, Javascript, UJS, Backbone, HTML, CSS, RSpec.*

Active Record Lite | [github](#) | *Clone of basic ActiveRecord ORM functionality.* Extensive metaprogramming to enable mass assignment, associations, and querying. *Ruby.*

Asteroids | [github](#) | *Asteroids arcade game in the browser with JS and HTML5 canvas.* Calculates forces to simulate real-world physics. Uses key-binding to enable real-time user interaction. *JS, HTML.*

Chess | [github](#) | *Command-prompt chess game.* JSON serialization for file-saving and loading. Extensive OOP for DRY creation of legally-moving pieces. Thoughtful algorithms to speed up sophisticated functions such as checking for check, checkmate, and valid castling. *Ruby.*

EDUCATION

Princeton University

B.A. in Economics, May 2013, GPA: 3.26

Honors: 2400/2400 SAT Score, National Merit Scholar

Coursework: Algorithms and Data-structures, General Computer Science, Real Analysis, Multivariable Calculus, Linear Algebra, Game Theory, Theoretical and Applied Econometrics

Senior Thesis: “Land Inequality and Educational Investment” | An empirical economics study using OLS and WLS regressions on longitudinal post-colonial Indian land and education data

TECHNOLOGY

Ruby Rails SQL Javascript Backbone jQuery Java HTML CSS RSpec Git TDD Stata

EXPERIENCE

Codebreakers, Operations Manager Fall 2013

Chief manager of business strategy/product development for education technology start up. Managed Google Adwords campaigns, raising ad click-through rate by 200%. Designed and built new company Wordpress website as centerpiece of company-wide rebranding.

Al-Mustakbal Foundation, Economic Analyst Summer 2012

Key economic consultant for nonprofit focused on promoting entrepreneurship and economic development. Conducted market research and strategic analysis for the foundation's “Doing Business in East Jerusalem Guide”. Represented the foundation at the World Bank conference on “Economic Sustainability of a Future Palestinian State.”

Revolution Ivy Management Program, Regional Director, Branch Manager Summer 2010-2011

Developed strategy as member of Executive Board, contributing to largest one year expansion in company history. Founded and managed new Revolution Ivy branch, designing marketing and customer relations strategy. Generated over \$23,000 in opening summer branch revenue, earning Peak Performer award (top 10% of company). Earned 5/5 instructor rating.