

Ryan S. Kelley
Arlington, Virginia | (860) 916-7174 | rskelley9@gmail.com
WEB SOFTWARE DEVELOPER / SOFTWARE ENGINEER

Professional Skills

Agile Development
Object-Oriented Design
Ruby on Rails: Advanced
Sinatra: Advanced
Javascript, jQuery: Intermediate

AJAX: Intermediate
AngularJS: Intermediate
RSpec: Intermediate
ActiveRecord: Advanced
HTML: Advanced

SQL: Intermediate
Bootstraps: Advanced
CSS: Advanced
Git: Advanced

Education

Dev Bootcamp, Chicago, Illinois

Web Application Development, Graduated November 2013

- > Rigorous web development immersion program; utilized a class lab setting modeled after workplace
- > 70-100 hours per week, for 12 weeks, developed countless programs
- > Learned numerous productivity techniques including: pair programming, code reviewing, test-driven development and managing workflow

The George Washington University, Washington, D.C.

B.A. Economics, Graduated May 2012

- > Earned award nomination and perfect score for senior thesis, "Pitcher Productivity and the Major League Baseball Labor Market."
- > Used OLS regression, multiple other statistical tests to support arguments
- > Granted special access to proprietary database belonging to award winning author Tom Tango

Employment History (Web Development and Related)

Dev Bootcamp, Chicago, IL

Teaching Assistant, November 2013 – Present

- > Help Phase 3 instructors teach students Ruby on Rails, JavaScript, Git, RSpec/testing, other topics
- > Pair-program with students virtually and in person
- > Give code reviews and provide actionable feedback to students on their work

TKG, LLC, Wilmington, DE

Account Manager, September 2010 – October 2012

- > Responsible for array of online marketing duties
- > Employed skills in search marketing, client management, and promotional writing
- > Helped customers optimize marketing campaigns
- > Identified and tracked key performance metrics to increase customers' returns on investments
- > Set up lead generation forms on clients' websites
- > Developed, monitored and optimized pay-per-click campaigns with targeting and keyword optimization strategies
- > Created promotional sites and pages, managed social media and blog accounts

Recent Projects

GroupSmart | Github Repository

- > Teacher toolkit application: uploads CSV grade books and offers array of useful functions
 - > Interactive graphs (High Charts) for tracking student performance over time, vs. peers, vs. class
 - > Intelligent group generator with algorithms for GPA dispersion, participation rate dispersion
 - > Designed workflow to deal with strict, high-pressure deadline
 - > Formal presentation to audience of representatives from Chicago-area tech companies
- Technologies Used: Ruby on Rails, CSV, Open URI, HighCharts, Bootstraps, APIs, Javascript (jQuery, AJAX), Capybara, RSpec, BCrypt, Trello, Git, Heroku*

KarmaGrove | Github Repository

- > Second lead developer of charitable marketplace proof of concept application
- > Framework for directing sales profit to environmental charities selected by consumer and producer

Technologies Used: Ruby on Rails, Javascript (jQuery, AJAX), Devise, BCrypt, Stripe, Google Analytics, Twitter Bootstraps, OAuth, APIs, RSpec, Git, Heroku

DBC Core-A | Github Repository

- > Application designed on Quora question/answer framework; subject matter is DBC-related
- > Responsible for voting, topic tracking functionality, authentication, schema and set-up database
- > SCRUM exercise where developer team roster was changed; simulated customer demands

Technologies Used: Ruby on Rails, Javascript (jQuery, AJAX), Factory Girl, RSpec, Capybara, Thin, BCrypt, Pivotal Tracker, Git

VeloSURaptor | Github Repository

- > Web survey development application with results tracking and analyzing functionality
- > Complex authentication system and client-side JS form validations

Technologies Used: Ruby 1.9, Sinatra, jQuery, AJAX, Sinatra Sessions, Google Charts, Pivotal Tracker, Thin, SQL Designer, Git

Other Projects

WebFlashcards: CRUD Application accepts flashcard deck files, offers user inviting testing interface

SudokuSolver: Command line interface program capable of solving the most difficult sudoku boards