

**Ryan S. Kelley**  
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**WEB SOFTWARE DEVELOPER / SOFTWARE ENGINEER**

**Programs/ Skills**

|              |                       |
|--------------|-----------------------|
| ActiveRecord | HTML                  |
| AJAX         | Javascript and jQuery |
| AngularJS    | RSpec                 |
| Bootstraps   | <b>Ruby on Rails</b>  |
| CSS          | Sinatra               |
| Git          | SQL                   |

**Education**

**Dev Bootcamp**, Chicago, Illinois

*Web Application Development*, Graduated November 2013

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

**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 and a variety of 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

- > Assist 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**

### **SmartGroups | 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 and major contributor 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*

### **Stephen Hirschthal Photo | Github Repository**

- > Solo developer of photography e-commerce website
  - > Designed customer inquiry/quote process and integrated secure payment system
  - > Blog post widget using RSS library that displays recent headlines
- Technologies Used: Ruby on Rails, Javascript (jQuery, AJAX), Active Admin, Bootstraps, Devise, Git, Google Analytics, RSS, RSpec, Stripe, SQL Designer, Trello*

### **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