

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

**Programs/ Skills**

ActiveRecord, Sequel	Git
AJAX, Javascript, jQuery	iOS, RubyMotion
AngularJS, Node.JS	PHP
BDD, TDD	<b>Ruby on Rails</b>
CSS, Sass	Sinatra
HTML, XML, Yaml	SQL

**Education**

**Dev Bootcamp**, Chicago, Illinois

*Web Application Development*, Graduated November 2013

- > Rigorous web development immersion program utilizes lab setting modeled after workplace
- > Committed 70-100 hours per week, for 3 months, developing countless programs
- > Exercised numerous productivity techniques including: pair programming, code reviewing, workflow management, test-driven and behavior-driven development

**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)

**FreeSwim.co**, Alexandria, VA

Web Developer and Manager of Business Operations, April 2014 – Present

- > Member of three-person Ruby and iOS development team
- > Build both customized website modules and stand-alone web-based applications
- > Directed development and deployment of FreeSwim.co website
- > Broker deals with clients and affiliates as manager of business operations
- > Utilize cutting-edge technologies like Ruby on Rails, JQuery, AJAX, NodeJS, PHP, RubyMotion, iOS

**Greater-Than > Web Development**, Arlington, VA

Web Designer, February 2014 – Present

- > Plan, develop, deploy and manage Rails and Sinatra applications for local businesses
- > Provide UI, UX web design and static site design services
- > Develop and/or integrate modules into production applications
- > Build booking and practice management software for medical offices and small businesses
- > Emphasize SEO and partner with clients to strengthen their internet marketing platforms

**Dev Bootcamp**, Chicago, IL

Teaching Assistant, November 2013 – February 2014

- > Taught students Ruby on Rails, Javascript, testing, Git and agile workflow design with Phase 3 instructors
- > Pair-programmed with students, gave them code reviews and actionable feedback on their final projects

**TKG, LLC**, Wilmington, DE

Account Manager, September 2010 – October 2012

- > Partnered with businesses to optimize online marketing campaigns
- > Employed skills in affiliate marketing, content development and promotional writing
- > Identified and tracked performance metrics to increase customers' returns on investments

## **Recent Projects**

### **Dental\_Admin | Private Repository**

- > Application provides the foundation for medical practices to develop a web platform quickly
- > Provides customizable patient management, registration and database admin system 'out of the box'
- > Drastically cuts development and admin costs for small dental practices

*Primary Technologies: Rails 3.2, Git, Javascript (jQuery, AJAX), SCSS, SQL; [ActiveAdmin](#), Active Record, [Backstretch](#), Bootstraps, [Chosen](#), [Datepicker](#), [Devise](#), [Dragonfly](#), [High\\_Voltage](#), [Squeel](#), Time Libraries*

### **SHP Photography | Github Repository**

- > Solo developer of commercial photographer's portfolio and booking web application
- > Created custom admin system with UI for database, gallery and blog management
- > Admin system simplifies process of creating private/restricted and public photo galleries
- > App minimizes database usage with client-side image processing via [Dragonfly](#) and cache usage
- > Designed with attractive user interface and a focus on optimizing visitor experience

*Technologies Used: Rails 3.2, CSS3 & Sass, Javascript (jQuery, AJAX), Git, Heroku; [ActiveAdmin](#), [Backstretch](#), [Devise](#), [Dragonfly](#), GrokPhoto, Image\_Magick, [Simple\\_Form](#)*

### **FreeSwim.co | Github Repository**

- > Developed a custom blog content management system for FreeSwim.co
- > Helped develop user and admin interfaces, convert static site to dynamic application
- > Deployed and configured application for production environment and added SSL security
- > Responsible for procuring marketing affiliates and developing engaging blog content

*Technologies Used: Rails 3.2, CSS3, Git, Javascript (jQuery, AJAX), Heroku; CarrierWave, [CK\\_Editor](#), [Devise](#), [Monologue Blog Engine](#), OAuth, SSL*

### **Pupular | Github Repository**

- > Added image-upload and processing features to social networking application
- > Helping develop user system and intuitive interface for profile management
- > Implementing behavior-driven development with latest version of application

*Technologies Used: Rails 3.2, Git, Javascript (jQuery, AJAX), XML Schema Designer; [ActiveAdmin](#), Active Record, Amazon S3, Cucumber, [Devise](#), [Dragonfly](#), ImageMagick, Paperclip, Rack::Cache*

### **AltaWP | Private Repository**

- > Contracted as lead developer of Alta's Rails web application
- > Designed and presented demo site to client, and subsequently secured the contract
- > Integrated content management system to help site admins easily develop engaging content

*Technologies Used: Rails 4.0, CSS3, Git, Javascript (jQuery and AJAX), Trello; Bootstraps, CDN Scripts, [Comfortable Mexican Sofa](#), Google Maps API, [High\\_Voltage](#)*

### **Smart\_Groups | Github Repository**

- > Data analysis application processes CSV grade books into tool for objective data analysis
- > Elegant, interactive graphs for tracking student performance over time, vs. peers, vs. class
- > Intelligent group generator with algorithms for GPA dispersion, participation rate dispersion
- > Presented application to audience of representatives from Chicago-area tech companies

*Technologies Used: Ruby on Rails, AJAX, [CSV](#), Git, jQuery, [OpenURI](#), Rspec, Trello; Bcrypt, Bootstraps, [HighCharts](#) Trello, Git, Heroku*

## **Other Projects**

**[KarmaGrove](#):** Charitable marketplace app directs sales profit to environmental charities of user's choice

**[DBC Core-A](#):** Application designed on Quora question/answer framework that I built at Dev Bootcamp

**[VeloSURaptor](#):** Web survey development application built with Sinatra

**[EasyStickies](#):** Lite jQuery plugin that adds dynamic Post-it note functionality to any modern browser

**[SudokuSolver](#):** Built CLI program capable of solving the most difficult sudoku boards as Phase-1 boot at DBC

