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	**Ruby on Rails**
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, manage general business operations
> Utilize cutting-edge technologies like Ruby on Rails, iOS, jQuery, AJAX, NodeJS, PHP, RubyMotion

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, **ActiveAdmin**, Active Record, **Backstretch**, Bootstraps, **Chosen**, **Datepicker**, **Devise**, **Dragonfly**, Git, **High_Voltage**, Javascript (jQuery, AJAX), SCSS, SQL, **Squeel**, Time Libraries*

Alta Waterproofing | Private Repository
> Contracted as lead content and application developer of Alta corporate website
> Guided clients from concept design to execution of application development to final deployment
> Created engaging, navigable user experiences with interactive content and 100% responsive design
> Created and used a demo site as planning tool to help clients identify goals and preferences
> Wrote client and server-side form validations that provide immediate, specific feedback to users
Technologies Used: Rails 4, ActionMailer, Bootstraps, CMS, CSS3, Figaro, Git, Javascript (jQuery and AJAX), Google Maps API, High_Voltage, Regular Expressions

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, ActiveAdmin, Backstretch, CSS3 & Sass, Javascript (jQuery, AJAX), Devise, Dragonfly, Git, GrokPhoto, Heroku, 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, CarrierWave, CK_Editor, CSS3, Devise, Git, Heroku, Javascript (jQuery, AJAX), 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, ActiveAdmin, Active Record, Amazon S3, Cucumber, Devise, Dragonfly, Git, Javascript (jQuery, AJAX), ImageMagick, Paperclip, Rack::Cache, XML Schema Designer

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, bcrypt, Bootstraps, CSV, Git, Heroku, HighCharts, jQuery, Rspec

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 in three days as part of DBC exercise.
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