

## **Programs/ Skills**

ActiveRecord	HTML
AJAX	Javascript and jQuery
AngularJS, NodeJS	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)

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

Web Designer, February 2014 – Present

- > Contracted by local businesses to develop Rails/Sinatra applications and design UI, UX
- > Jobs include custom web design, app development, Wordpress integration and site deployment
- > Give SEM consultation to clients and integrate admin tools like Google Analytics, Google AdSense

**Dev Bootcamp**, Chicago, IL

Teaching Assistant, November 2013 – Present

- > Assist Phase 3 instructors teach students Ruby on Rails, JavaScript, Git, 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 clients optimize marketing campaigns, set up lead generation forms on clients' websites
- > Identified and tracked key performance metrics to increase customers' returns on investments
- > Developed, monitored and optimized pay-per-click campaigns with targeting and keyword optimization strategies

## **Recent Projects**

### **AltaWP | Github Repository**

- > Contracted as lead designer of Alta's updated website
  - > Designed and presented demo site to client, and subsequently secured the contract
  - > Wrote clean, engaging UI with Bootstrap 3 and JQuery
  - > Designed workflow to meet strict deadlines; created detailed proposal and price estimate
- Technologies Used: Ruby 2.0, Rails 4, Bootstraps 3, Font-Awesome, Sass, jQuery, AJAX, Trello, Git, Google Maps API, Heroku*

### **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
  - > 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:** Accepts flashcard deck files, offers inviting user interface and asynchronous testing

**EasyStickers:** Lite jQuery plugin that adds dynamic Post-it note functionality to any web page

**SudokuSolver:** CLI program capable of solving the most difficult sudoku boards

