

# James R. Harris

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I'm a **designer and web developer** who loves making complex things easy. I'm good at giving and taking feedback and using it to build a better product. I'm looking for a position as a web developer in a healthy workplace where I can learn, grow, and create beautiful, effective websites.

## Skills

HTML 5, CSS, SCSS	UX & UI design	Unit testing	Git
JavaScript, jQuery	RESTful API design	Agile methodology	Gulp
Ruby on Rails, AngularJS	SQL data modeling	Adobe Creative Suite	Grunt

## Experience

### **Graphic and Web Design for My Father's World • 2014–2016**

As the sole front-end developer at this small business, I heavily customized MFWbooks.com, an enterprise-grade e-commerce site handling \$5.6m/year, to meet MFW's business goals.

- Designed the pages describing each curriculum package; wrote and maintained their HTML, CSS, and JavaScript coding
- Used jQuery to smooth and accelerate the purchasing process by improving add-to-cart and checkout systems
- Designed and implemented email announcements (and their associated landing pages) for distribution to 67,000 customers
- Automated routine work with Grunt, Gulp, AutoHotkey, and ImageMagick

### **Computer Network Technician, U.S. Air Force, 2006–2010**

Rose to the rank of Senior Airman by caring for Air Force computer networks.

- Performed hardware, software, and network maintenance for thousands of classified and unclassified systems in the hostile environment of Sather Air Base, Iraq in support of Operation Iraqi Freedom
- Oversaw hardware accountability program for \$37.5M worth of computer equipment at Davis-Monthan Air Force Base in Arizona
- Created an automation tool that accelerated creation of new network accounts by 30%

## Education

### **Viking Code School • October 2016–February 2017**

Highly selective, intensive coding bootcamp. Students learn an Agile approach to software engineering by pair programming remotely. Daily Scrum meetings and code review.

### **Rocky Mountain College of Art + Design, 2010–2013**

Bachelor of Fine Arts in Communications Design, cum laude. Focused on internalizing the design process through rapid iteration and critiques. Included frequent work solving clients' communications problems with visual design.

# Projects

## **GIAL Degree Planner** • February–April 2017

Led a team of three developers to create a site automating degree management at the Graduate Institute of Applied Linguistics. Tracking students' academic plans with our database-backed app rather than Word and Excel is forecasted to save GIAL hundreds of man-hours per year.

- Learned the structure of a degree from the head of the World Arts Program and, based on that information, created UI mockups and an SQL database schema
- Assembled a team of three and led development using Agile methodology, with regular Scrum meetings, code review, and feedback from the customer
- Wrote large portions of the AngularJS front-end and Ruby on Rails back-end

## **The Family Learning Cycle** • April–August 2015

My Father's World struggled with communicating how their curriculum worked, so I used JavaScript and HTML5 Canvas to create an interactive infographic explaining it. 97% of surveyed customers indicated the infographic helped them understand the curriculum.

## **The Periodic Table of Storytelling** • January 2014

Created an infographic introduction to TVTropes.org (a storytelling-analysis website) which received **over 2 million views**.

- Negotiated a merchandising deal with TVTropes' leadership; donated a portion of profits to supporting TVTropes' server costs
- Featured on Gizmodo, Fast Company, Huffington Post, AV Club, Boing Boing, and Design Taxi, was translated into Italian, and was included in the book *Miller's Compendium of Timeless Tools for the Modern Writer*.