

James R. Harris

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Web developer with a track record for making complex systems easy to understand.
Strongest in front-end development, but also skilled in back-end, UX design, and client relations.

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.

- Designed and maintained the pages describing each curriculum package
- Used jQuery to smooth and accelerate the purchasing process by improving add-to-cart and checkout systems
- Transitioned all our pages to responsive, mobile-friendly design
- Designed and implemented email announcements (and their associated landing pages) for distribution to 67,000 customers
- Set up Git source control and wrote documentation for all front-end development procedures
- Automated routine work with Grunt, Gulp, AutoHotkey, and ImageMagick

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

I served the 355th Communications Squadron by caring for the Air Force's computer network as I rose to the rank of Senior Airman.

- Oversaw hardware accountability program for \$37.5M worth of computer equipment
- Cared for thousands of classified and unclassified systems in the hostile environment of Sather Air Base, Iraq in support of Operation Iraqi Freedom
- 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, critiques, and much work with clients.

Projects

The Periodic Table of Storytelling • January 2014

Designed and built an infographic introduction to the tropes catalogued at TVTropes.org. Negotiated a merchandising deal with TVTropes' leadership and donated a portion of profits to supporting TVTropes' server costs. Project received **over 2 million views**, was 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*.

The Family Learning Cycle • April–August 2015

Designed and built an interactive infographic explaining the company's unique curriculum system. Took project from idea to paper prototype to finished product, checking regularly with local experts to ensure accuracy. 97% of surveyed customers said the project helped them understand the curriculum.

GIAL Degree Planner • February 2017

Led a team of three developers to create a site automating degree management at the Graduate Institute of Applied Linguistics. Created the database layout, designed the UX and UI, assembled the team, and wrote large portions of the AngularJS and Ruby on Rails code. Moving from Word and Excel to our database-backed app is forecasted to save GIAL hundreds of man-hours per year.

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