Steven Harville Steele

CONTACT

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OBJECTIVE

To apply my experience to web and application development

TECHNICAL
PROFICIENCY

PHP, Laravel, CodeIgniter, WordPress, SASS/LESS, JavaScript, AngularJS, jQuery, Responsive Design, Doctrine, MySQL, PHPUnit, Karma, Jasmine, Git, Python, Perl, bash, Regex, Photoshop

PROFESSIONAL
EXPERIENCE

FinanceGenius, Inc., Austin, TX

Developer   **Jun 2015 – Present**

Contribute to the core Loan Origination SAAS product built using CodeIgniter, MySQL, Doctrine, PHP-DI, AngularJS, Knockout, jQuery, Kendo UI, and Bootstrap. Employ an object-oriented MVC/MVVM architecture. Test using PHPUnit, Karma, and Jasmine.

W2O Group, Austin, TX

Web Developer   **Jan 2013 – Jun 2015**

Collaborated on the Social BI and W2OPress software teams. Created object-oriented, responsive back-end web sites and single-page front-end applications. Built and maintained WordPress (multi)sites. Developed plugins that interact with a variety of external APIs. Planned and deployed Google Analytics events and conversions.

Clients: MasterCard, Purdue Pharma, EMD Serono, Intel

VM Foundry, Austin, TX

Web Developer   **Apr 2012 – Dec 2012**

Built websites using PHP, MySQL, jQuery, and CSS. Maintained several WordPress sites. Learned best practices for deploying to staging and production environments using Git. Programmed a variety of cross-browser newsletters to work across multiple email clients. VM Foundry was sold and merged with W2O Group in 2012.

Clients: PGA, Sunny Delight, Auxogyn, Sutter Home

Web Services Consultant, Various Companies   **Nov 2010 – Feb 2012**

PRISON CALL SOLUTIONS, LLC - Austin, TX

Developed and maintained the front and back ends of several online businesses. Managed clients/billing using WHMCS, SugarCRM, and Recurly. Programmed custom reports and website translations.

ADAPT TRAINING - Beaverton, OR

Created and implemented a secure, web-based training log and database query using PHP, MySQL, Perl (CGI), and JavaScript designed to handle, manage, track, and return client-driven user input

THE GREENWOOD SCHOOL - Portland, OR

Built custom web-based educational tools for youths with autism using JavaScript

NEW MEDIA ARC, LLC - Oklahoma City, OK

Designed tools to streamline website creation using Perl

OTHER PROJECTS

Set up and administer an ubuntu 10.04-LTS server running on an old powerpc 32-bit G3 Mac iBook
Programmed a complex, fully functional task management portal using PHP, MySQL, and JavaScript
Composed analysis program to compare NumPy execution speeds against Python OOP methods

EDUCATION	**North Carolina State University** College of Physical and Mathematical Sciences *M.S.* in Atmospheric Science **May 2009**
	The University of North Carolina at Charlotte Department of Geography and Earth Sciences *B.S.* in Earth Science (Conc. in Atmospheric/Hydrology) **May 2001**

CONFERENCE PRESENTATIONS

Harville, S., 2008: Effects of Appalachian Topography on Precipitation from Landfalling Hurricanes. *28th Conference on Hurricanes and Tropical Meteorology*, page 13D.2.

Forsythe, R., S. Harville, J. Soule, and C. Matthews, 2004: Stream Regime and Restoration Challenges in Urbanizing Areas of the Piedmont of North Carolina. *NC SRI Southeastern Regional Conference on Stream Restoration*, pages 61-62.

APPLICABLE COURSES AND PROJECTS

[Tropical Meteorology] WRF simulations of Hurricane Ivan (2004) with and without topography
[Mesoscale Modeling] Programmed a 3-D numerical model in Fortran for mesoscale experimentation
[Intro to Fortran] Matrix multiplication: Strassen's recursive method vs. explicit scheme

REFERENCES

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