

Steven Harville Steele

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CONTACT INFORMATION 1407-B Kirkwood Rd Austin, TX 78722 503.891.3306 steven.harville.steele@gmail.com

OBJECTIVE To apply my experience to web and application development

TECHNICAL PROFICIENCY Mac OS, Unix/Linux, Windows, PHP, WordPress, (S)CSS, JavaScript, jQuery, Ajax, Responsive Design, MySQL, Git, Python, Perl, tcsh, Regex, Illustrator, Photoshop

PROFESSIONAL EXPERIENCE **W2O Digital**, Austin, TX

Web Developer

Jan 2013 – Present

Created object-oriented, custom-built web applications and plugins. Built and maintained several WordPress (multi)sites, including responsive. 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, forming W2O Digital.

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

Constructed an array of Python, PHP, JavaScript, and LaTeX apps to aid in finding employment

North Carolina State University, Raleigh, NC

Research Assistant: Tropical Meteorology Group

Aug 2007 – May 2009

Research Thesis: "Effects of Appalachian Topography on Precipitation from Landfalling Hurricanes"

A study that isolates topographic from synoptic forcing using rainfall climatology, storm case studies and composites, and numerical simulations

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 Harville, S., 2008: Effects of Appalachian Topography on Precipitation from Landfalling Hurricanes.
PRESENTATIONS *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 [Tropical Meteorology] WRF simulations of Hurricane Ivan (2004) with and without topography
COURSES [Mesoscale Modeling] Programmed a 3-D numerical model in Fortran for mesoscale experimentation
AND PROJECTS [Intro to Fortran] Matrix multiplication: Strassen's recursive method vs. explicit scheme

REFERENCES **Matt Smith**
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