

MICHELLE WILLIAMSON

183 Bowman Lane * Grantville, PA 17028 * 717.926.4509 * mickey@mickeywilliamson.com

WORK AND EDUCATION

Work History:

- Freelance web developer – 2001 to present
- Medicurrent Interactive Services – Drupal Developer/Accessibility Lead - 2013 to 2017
- PA Coalition Against Rape – Web Developer - 2007 to 2010
- MICNAP Band Instrument Repair (self-employed) – 1998 to 2013
- Army Reserves – 1992-2000

Education:

- Master of Science in Computer Science: University of Illinois, Springfield, IL – 2017-2018 - Summa Cum Laude (4.0 GPA)
- Bachelor of Arts in Music: Mansfield University, Mansfield, PA – 1991-1995 - Magna Cum Laude (3.7 GPA)

Certifications:

- International Association of Accessibility Professionals (IAAP) – Certified Professional in Accessibility Core Competencies (CPACC) – 2016
- Certificate of Accessible Information Technology from University of Southern Maine – 2012

Awards and Achievements:

- Android Developer Nanodegree from Udacity – 2018
- Kathryn Stanley Micek Scholarship – 2018
- National Cyber League's Cyber Skyline Security Hackathon – 2018 – finished in top 4 percent in field of 4000+

DEVELOPMENT SKILLSET

Languages/Technologies:

- PHP – Advanced
- HTML5 – Advanced
- CSS - Advanced
- JavaScript/jQuery - Advanced
- SQL - Proficient
- ASP/VBScript - Advanced
- Java – Proficient
- REST – Advanced

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Software and Development Tools:

Drupal 5-8, CLI, Drush, Composer, Git, Chrome DevTools, Firebug, Eclipse, PHPStorm, Xdebug, XHProf, Magento, Wordpress

Server, Administration, and Protocols:

- LAMP, MAMP, Cpanel/WHM, Virtualbox, Docker, Vagrant, IIS6+, Flash Media Server, SSL

Databases:

- SQL Server with Management Studio
- MySQL with PHPMysqlAdmin, Adminer, Navicat, Sequel Pro, and MySQL CLI
- MS Access
- NoSQL – Firebase, MongoDB, CouchDB, Riak, Hbase, Neo4j

Accessibility/WCAG 2.0/Section 508:

- Accessibility in websites (meeting Section 508 and WCAG 2.0 standards, keyboard access, screen readers, WAI-ARIA API)
- Repurposing content – building accessibility in at the start and maintaining it throughout the Word->InDesign->PDF workflow
- Accessibility in multimedia

WEBSITE DEVELOPMENT HIGHLIGHTS

www.fluffyourpup.com

Built on Drupal 8. Uses Foundation Framework for frontend. Sole developer through the full SDLC.

www.pacertboard.org

Built on Drupal 7. A case study about this site can be found at <http://groups.drupal.org/node/294098#comment-916903>.

www.votawtool.com

Full-featured e-commerce website built on the open source platform, Magento. Uses a custom theme and required a full migration of product, customer, and order data from previous ASP site.

www.probirt.com

Educational resource site for band instrument repair technicians which integrates several ASP web applications, including Duware Portal, WebWiz forum, ASPProtect, full backend CMS, and PayPal subscription API. Generates downloadable membership certificates on the fly.

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TECHNICAL EDITING AND REVIEWING

- Reviewed "Android Development the Kotlin Way" by Giorgio Natili from Manning Publications (not yet released)
- Tech reviewed "[Learning Drupal 8](#)" by Nick Abbott from Packt Publishing
- Tech reviewed "[Programmer's Guide to Drupal, 1st Ed](#)" by Jennifer Hodgdon from O'Reilly
- Tech reviewed "[Programming Drupal 7 Entities](#)" by Sammy Spets from Packt Publishing

(Many other tech review examples available on request)

THOUGHT LEADERSHIP

- [Building Accessibility into a Website from the Start](#) – blog post
- [The 5 Commandments of Accessible Forms](#) – blog post
- [Building an Accessibility Toolbar with Drupal](#) – blog post

(Many other writing examples available on request)