

Michelle Melton

Web Developer / Programmer

Experience

April 2015 - present, Web Developer / Programmer

Appalachian State University, Boone, NC

- Modify, integrate, and support academic web applications
- Maintain University LMS (Moodle)
- Program and integrate new features, modify and update existing features within web applications
- Contribute to design and implementation of system architecture for academic web applications
- Provide expertise on design, usability and accessibility for academic web applications and technologically enhanced learning environments
- Interface design for academic web applications

May 2010 - April 2015, Lead CMS Migration Specialist

Appalachian State University, Boone, NC

- Coordinate, plan, design, and develop academic websites (Drupal)
- Build features for University websites
- Assist with development of core University website distribution
- Modify, integrate, and support University web applications
- Educate users on best practices for website design, usability and accessibility
- Support University websites
- Concept and design graphics for campus programs

July 2004 - May 2010, Creative Director

Appnet Designs, Boone, NC

- Manage creative and support staff
- Coordinate website projects from sale to completion
- Art direction of all site designs for clients
- Basic server administration
- Implement PHP modules
- Process final site billing and payment
- Design and build layouts for tourism and hospitality websites
- Create banner advertisements for area clients

February 2004 - July 2004, Cross Country Travel

February 2001 - February 2004, Senior Designer

Marriner Marketing Communications, Columbia, MD

- Concept advertising ideas for Kellogg's Food Away From Home
- Brand development for Kellogg's Food Away From Home
- Layout and design of advertising and collateral pieces for Ark Mutual Funds, Carolina Turkey, Cystic Fibrosis, Hershey, Marriott International, Perdue Farms and Phillips Foods

August 1998 - February 2001, Graphic Designer, Account Executive

The Cyphers Agency, Annapolis, MD

- Design print, direct mail, collateral and signage materials
- Create thumbnails for ad layout
- Develop branding campaigns for various clients (logos, brand elements, constants, etc.)
- Layout publication and prepare ad materials for print
- Develop marketing strategies and implement marketing plans for agency clients
- Conduct media research to build marketing plans and budgets
- Control job trafficking for select client and agency projects
- Work with Creative Director to develop targeted ad strategies
- Handle public relations efforts for agency and clients

Education

2017 - present, Appalachian State University

Master of Science, Computer Science, 4.0 GPA

2013 - 2017, Appalachian State University

Continuing Education: Undergraduate Computer Science, 4.0 GPA

1999 - 2000, Maryland Institute College of Art

Continuing Education: Advertising Studies, 4.0 GPA

1995 - 1998, University of Baltimore

Bachelor of Science, Business Administration, Marketing

Honors: Graduation Commencement Speaker, Summa Cum Laude, 4.0 GPA, Dean's List, Mu Kappa Tau National Marketing Honor Society, Outstanding Marketing Student Award

1993 - 1995, Anne Arundel Community College

Associate of Arts, Marketing

Honors: Summa Cum Laude, 4.0 GPA, Dean's List, Phi Theta Kappa Honor Society, Presidential Scholar Award Recipient

Projects

Wowza Ticket Validation

Ticket validation plugin for Wowza streaming server
Java

Grade Cleanup

Local Moodle plugin that allows grade history database entries older than a configurable setting to be deleted at a scheduled cron run
PHP, MySQL

ASU Moodle Theme

Custom Moodle theme for the Appalachian State University learning management system
HTML, CSS, LESS, Bootstrap, PHP, JQuery, Mustache

SQL Scripts

Bash scripts to split an SQL dump into individual files by table and import them with inclusion or exclusion
Bash, MySQL

Skills

Languages: HTML, CSS, Bootstrap, JavaScript, JQuery, PHP, Java, C, C++, Assembly, Bash, Google API, Drupal API, Moodle API, Vim, Git

Platforms: Linux, Mac OS, Windows

Databases: SQL/MySQL

Software: Vagrant, VirtualBox, Eclipse/Zend Studio, Adobe (InDesign, Photoshop, Illustrator, Acrobat, Flash, Dreamweaver, Fireworks, Media Encoder), Microsoft Office (Word, Excel, PowerPoint, Access), Google Apps

Accomplishments

- 2010 Service Award, Appalachian State University
- Citation of Excellence, Baltimore Addy Awards
- 2004 Guest Speaker, University of Baltimore