

Michelle Melton

Web Developer / Programmer

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

Experience

April 2015 - present, Web Developer / Programmer

Appalachian State University, Boone, NC

- Modify, integrate, and support academic web applications, including University LMS (Moodle)
- 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)
- Modify, integrate, and support University web applications
- Educate users on best practices for website design, usability and accessibility
- 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
- Design and build layouts for tourism and hospitality websites

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 and advertisements
- Develop branding campaigns for variety of clients (logos, brand elements, constants, etc.)
- 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

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++, x86 and MIPS 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