

ERIC AITALA

311 Toftrees Avenue, #139, State College, PA 16803 • 662-801-9809 • f1m@f1m.com

WEB DEVELOPER – HIGHER EDUCATION

Content Development & Management (Drupal) • Standards & Policies • Committee Leadership
Project & Team Management • Web Technologies • CSS Layouts & Navigation

Professional with 12+ years experience in web design, application, navigation, and development in higher education, with 14+ years of overall experience. Expertise in Drupal web site development, content creation, and maintenance. Strong understanding of current trends in web development. Skilled in content management systems, web standards, and usability best practices.

WEB DEVELOPMENT & TECHNICAL EXPERIENCE

The Pennsylvania State University, University Park, PA 2006 - Present
Programmer/Analyst, ITS/CSS (2007 – Present)

Web Developer, Environmental Health & Safety (2006 – 2007)

- Developed templates, web pages, and backend programming for ITS Services forms and section of User Managed Group web site.
- Updated and maintained Signature Station application, Oracle database, and computer hardware.
- Assisted with Signature Station planning and setup for First-Year Testing, Consulting, and Advising Program (FTCAP).
- Processed ITS Charge Account billing for Computing Services, approximately \$30,000 per month.
- Resolved issues with billing for ITS Services, WebAccess accounts, LDAP entries, and Identity Management in collaboration with the Accounts Office.
- Developed web standards and AD54 compliant, instructional web site and multimedia content for the Chemical Inventory Management System (*chims*) in use at the Environmental Health & Safety office.
- Maintained installation of the *chims* web application and provided in person instruction to University units in its use.

University of Mississippi, Oxford, MS 1996 - 2005

University Webmaster, Office of Information Technology (1999 – 2005)

- Implemented and delivered three Home Page redesigns within project schedule; collaborated with Publications Office on web design, graphics, and branding.
- Reconstructed existing web sites to meet Section 508 accessibility requirements using CSS and XHTML to replace table based designs.
- Provided leadership to create Web Standards and Accessibility guidelines and to update the University's Official Web Page policy.
- Designed, developed, tested, and maintained over 20 web sites, mission critical web applications, and user interfaces, including the University web presence, online course registration system, student handbook, Policy Directory, and the Campus Management (Student/Faculty/Staff Information Services) system.
- Developed web analytics and log analysis tools to gather audience data for marketing research.
- Co-chaired the Web Planning Committee with 20 members from units across the University.
- Created the University Webmaster Group and coordinated with other web units on campus (approximately 60 individuals) for continuing cooperative development with all areas of the University.
- Presented over 30 HR enrichment seminars in HTML, Web Design, Accessibility, and Dreamweaver.

TECHNICAL SKILLS

Content Management System: Drupal, phpBB, Gallery, PostNuke/Zikula, IP.Board, php-Nuke, ShopSite.
Web & Databases: HTML, CSS, MySQL, PL/SQL, perl, PHP, Google Analytics, Javascript (script.aculo.us and jQuery), AWStats, XML/XSLT, JSP, ASP.
Programming: perl, Fortran, C, Unix Shell, Java.
Systems Administration: Mac OS X and X Server, Unix (Solaris and AIX), Linux.
Server Software: Apache, PHP, MySQL, phpMyAdmin, Tomcat, Blackboard LMS, SSL certificates.
Multimedia Software: Adobe CS Suite & Captivate, iLife and iWork suites, Camtasia, Final Cut Express.

RELATED EXPERIENCE

International Plastic Modelers Society / USA, <http://www.ipmsusa.org> 2009 – Present
Webmaster (Volunteer)

Manage IPMS/USA Facebook group, YouTube account, and 6 person, volunteer web team. Migrated online Forum to new web server. Implemented new image gallery system and Google Analytics. Developed Constitutional Amendment Voting web site using Drupal 6 and an online store for IPMS membership application and 2010 National Convention registration using ShopSite e-commerce platform.

The Formula 1 Modeling Website, <http://www.f1m.com> 1995 – Present
Webmaster / Sole Proprietor

Created F1M.com in 1996, an online community of 1700 registered, active users interested in Formula 1 scale models. Migrated site from Post-Nuke CMS to Drupal 6. Received over 500,000 visits and 3.7 million page views in 2009. Manage and create marketing and branding strategies.

TEACHING & RESEARCH EXPERIENCE

University of Mississippi, Oxford, MS

Astronomy Instructor, Department of Physics and Astronomy (Spring 2005)

Graduate Research and Teaching Assistant, Department of Physics and Astronomy (1989 – 1993, 1996 – 1999)

CONFERENCES & ADDITIONAL TRAINING

Learning Tree International, "Developing SQL Queries for Oracle Databases: Hands-On," Rockville, MD, October 2010

Learning Tree International, "Oracle PL/SQL Programming: Hands-On," Reston, VA, September 2010

Drupal Camp Philadelphia 2010, Philadelphia, PA

Drupal Association Member, 2010

Pennsylvania State University Web Conference, 2005 – 2010

Central PA Open Source Conference, Harrisburg, PA 2010

Learning Tree International, "Agile Programming: Principles and Practices for Software Success," State College, PA, November 2009

EDUCATION

Ph.D. in Physics, University of Mississippi, Oxford, MS (2003)

M.S. in Physics, University of Mississippi, Oxford, MS (1993)

B.S. in Astronomy, The Pennsylvania State University, University Park, PA (1988)