

Permanent Address

3088 Harrison Ave
Astoria, OR 97103-2745
503-325-9673 (msg)

Current Address

43 Smokestone
Irvine, CA 92614-7429
541-429-1087 (cell)

JoeFlash@orst.edu
www.melvinwallerjr.com

OBJECTIVE :

Develop friendly, compliant, reliable, and accessible web sites (W3C/WAI/508) where creative and challenging opportunities require that special touch and an understanding for a wide scope of audiences.

CAREER HIGHLIGHTS :

- Ten years experience as a hand-coding web developer specializing in code standards, code compliance, DOM structures, and CSS layout.
- Coding practices include W3C/WAI/508 standards and optimization techniques to improve performance, reliability, and search indexing.
- Projects ensure support for multiple environments (PC, Mac, Linux), browsers (Explorer, Navigator, Opera, Safari), and accessibility.
- Development experience includes conception, organization, development, delivery, maintenance, support, training, and documentation.
- Eight years experience modularizing reusable designs and constructing design templates, web mock-ups cut from original designs. Examples at: www.melvinwallerjr.com/completed/
- Programming experience with PHP, CFM, SSI, XSLT, JavaScript, and some Perl for delivering dynamic content.

WORK EXPERIENCE :

11/05-Present *Gateway Computers, Inc., Tustin, CA*

- Standards web developer applying XHTML, JavaScript, CSS, and PHP in the development of the next generation of Gateway's B2C, B2B, and Intranet web sites.

07/04-11/05 *Freelance Web Development*

- Kutta Consulting [www.kuttaconsulting.com] - Rebuild and maintain web site for avionics and aviation industry manufacturer (PHP, MySQL).
- Combustion Hosting [www.combustionlistings.com] - Web template building for a web hosting service (XHTML, CSS2/P). Completed example works can be seen at [www.melvinwallerjr.com/completed/].

01/96-06/04 *OSU Information Services, Central Web Services, Valley Library, Corvallis, OR*

- Produced central and supplementary scripts: web mail (PHP, LDAP, 2yr), Oregon weather (CFM/PHP, 3yr), page hitcount tool (PHP, MySQL, 2yr), guestbook (CFM, 2yr).
- Maintained and upgraded the OSU campus Inktomi (2yr) and Google (XSLT, 2yr) search engines, campus map (Perl/PHP, MySQL, 2yr), and campus calendaring (Perl, 4yr).
- Produced regular site statistical reports using WebTrends log analysis software (2yr).
- Produced the OSU campus catalog and schedule of classes (HTML, SSI, Perl, 2yr).
- Performed PC/Mac setup, OS/software installation, customization, & maintenance.
- Produced primary documentation and tutorials for the central functions of the web.

- Primary customer service contact and support for the central web server.
- Support instructor for beginner web development classes.
- Supervised 6-8 students in producing web projects.

EDUCATION:

09/95-06/99 Oregon State University, Corvallis, OR Computer Engineering (BS)

09/93-06/95 Clatsop Community College, Astoria, OR Integrated Technologies (AA)

SPECIFIC EXPERIENCE:

Service: Extensive customer service work, resolving and addressing needs and disputes, and seeking methods to improve the customer experience. History of developing and documenting office services, processes, and schedules. Supervised and dispatched projects and services for the Internet and route deliveries; provided basic health care services from a variety of offices throughout Oregon and Washington; actively sought experience and service in diverse cultures through living and working with students from a variety of cultures and countries.

Programming: XHTML/HTML DOM, PHP, CFM, XML, XSLT, CSS layout, DHTML, and JavaScript. Some CVS/SVN, RSS/RDF, C++, Perl, CGI, and JAVA. Experience with producing various newsletters for Clatsop Community College, Phi Theta Kappa, and SAFEwalk.

Hardware: PC (Win95-XP) and Mac (OS7-8.6) hardware and software setup/maintenance, customer service and client support; Linux/Unix usage, remote access, process control.

Software: Word, Excel, Outlook, OpenOffice, Photoshop, Fireworks, Corel, ColdFusion, HomeSite, Acrobat, WebTrends, Dreamweaver, FreeHand, Norton, Novell Networking, McAfee Firewall, and many others.

WEB PROJECTS:

OSU Calendar: [calendar.oregonstate.edu] event listing project developed to unite campus event efforts. Project used Perl, CFM, PHP, SSI, CSS, & JavaScript.

2002-2004 (upgrades, maintenance, enhancements) Upgraded product to be XHTML compliant, upgraded design to incorporate campus templates, expanded system to use dynamic event highlights, built a browser calendaring utility to encourage calendar use, converted site from CFM to PHP to support current development methods.

2000-2002 (upgrade software, maintenance, enhancements) Migrated to a new version of the software, upgraded the Perl product to support accessibility needs, upgraded delivered pages to be HTML 4.01 compliant, updated tutorial info and training to reflect the system changes.

1998 (design & structure) Project began as an experiment to seek a campus-wide solution for delivering event information. I took the project lead working with multiple departments across campus through a testing, planning, training, and deployment process, wrote site in CFM to process complex event submissions.

Campus Map: [oregonstate.edu/cw_tools/campusmap/] a custom, interactive map of the OSU campus. Project used Perl, PHP, MySQL, & Freehand/Illustrator.

2003-2004 (upgrade, enhancements, maintenance) Incorporated new in-house PHP/MySQL campus map system to replace old Perl system, upgraded code to XHTML

and code compliance, worked with other campus departments to upgrade the map content and format to use with print and web, enhanced the map and content to provide more content and functionality, incorporated map system linking into the Campus Calendar system.

1996-2002 (presentation, enhancements, maintenance) Maintained in-house Perl based campus map system, upgraded system to utilize related web site links, expanded process to support user customized links.

OSU Search: [search.oregonstate.edu] primary search engine used to unite the web resources across campus. Project used XSLT, CSS2, & PHP.

2003-2004 (structure & administration) Utilized a Google Appliance. Required the rewrite of the XLST for code compliance to deliver the search results in HTML 4.01 without errors. I built the main site in PHP for the purpose of supporting data driven content, and to simplify the application of templates and important notices.

1999-2003 (maintenance) Utilized an Inktomi search installation. I was responsible for the maintenance and optimization of the search index within the provided installation.

Campus Catalog: [catalog.oregonstate.edu] production of the OSU 'Campus Catalog' and 'Schedule of Classes'. Project used HTML, CFM, SSI, Perl, PageMaker, & optimization techniques.

2000-2003 (structure, presentation, usability, and accessibility) Responsible for the by-hand conversion of these Campus materials from PageMaker files to web documents. Direct access to the campus Banner system was not allowed this was the only method offered for delivering the content on the Web. The sites were updated well within the project time-frames and were known for their consistency and accessibility. Each update also included code updates to the current standards and support expanded accessibility.

OSU Home: [oregonstate.edu] central pages for the OSU campus. Pages used HTML & SSI.

1996-2002 (structure & content) Provided general code and content maintenance on the central pages for the campus. Upgraded content for newer standards and accessibility needs until the project was taken over by OSU's University Publications office in 2002.

eCampus: [ecampus.oregonstate.edu] an OSU statewide education project on the Web. Project used HTML, JavaScript, CSS, and CFM.

1997-1999 (design, structure, maintenance) Worked with a group to produce a concept for the web and to develop the initial structure and site. Maintained and updated the site for just over two years when it was take over by an eCampus web development team.

OSU-Cascades Campus: [www.osucascades.edu] branch campus site. Project used HTML, SSI, & CFM.

1999 (structure) produced the initial structure and coding of the site.

More examples can be provided upon request.