

E X P E R I E N C E

Yahoo! Inc. – Technical Yahoo, Front-End Engineer 7 / 10 – present

I currently work at Yahoo! Inc and have had the pleasure and good fortune to be able to help refactor much of Yahoo!'s next media platform. While at Yahoo! so far, I have used PHP as a server-side rendering language, PHPUnit to unit test, Perl (and various useful Perl modules) and Bash for hacking together useful scripts, an immense amount of JavaScript (including YUI 2 and 3), many CSS hacks, Hudson for continuous integration, Subversion and Git/git-svn for source control, and many other proprietary internal technologies/frameworks/package management systems. I have also helped create, maintain, and support a set of tool scripts written in PHP, Perl, and Bash that many developers use world-wide, and am currently attempting to bring Agile and Scrum to the teams self-motivated to want this. I have also helped identify and fix many performance and security issues (including XSS in production YQL and Yahoo! Search, Yahoo! News, etc.). My most recent project entailed help refactoring news.yahoo.com's video and photo components onto a new stack, as well as writing many unit tests with PHPUnit and using XDebug to verify high coverage levels and robustly tested components.

Live Nation Entertainment (Ticketmaster) – Software Engineer 3 / 10 – 7/10

I was previously part of the Ticketmaster Online team, working on a contract for the third largest transactional site in the world - ticketmaster.com. My main focus while at Ticketmaster/Live Nation was tickets.london2012.com, the registration process and ticketing platform for the London 2012 Olympics. While there, I worked with object-oriented Perl, Mason, Template Toolkit, JavaScript/Prototype, CSS, MySQL, Oracle and many more custom/legacy solutions (with Subversion as our source control management system). I also helped write many automated tested with Test::WWW::Mechanize, created a robust browser lab and automated Selenium tests, and helped create and maintain an internal continuous integration system (written in Perl).

Anschutz Entertainment Group (AEG) – Technical Producer 6 / 09 – 3 / 10

As a part of the AEG Advanced Media team, I was responsible for the development of staplescenter.com, lalive.com (lead), aegworldwide.com, grammymuseum.org, homedepotcenter.com, nokiathatrelive.com, and around 40 additional websites running on a common codebase (pushing terabytes of traffic a month). We used Subversion as a version control system and our sites used a custom built object-oriented PHP framework, as well as Zend / PEAR / PECL libraries and MySQL in a high traffic, high performance, clustered LAMP environment. I also helped create a generic CMS that allowed easier management of many sites as well as highly interactive client-side experiences.

Mt. San Antonio College – Web Design Specialist 7 / 07 – 6 / 09

I was part of a team of three people working to develop, design, and administrate www.mtsac.edu (20+ million hits/month with over 40,000 active users). I was also lead programmer for all server-side (PHP and MySQL) and client-side (JavaScript) scripting, and was responsible for almost all interactive content. I also helped create an online orientation system, redesign their homepage (not up currently), and create mini-sites for many departments.

Central Desktop Inc. – Software Developer 8 / 08 – 12 / 08

I worked with a six person team in a fast-paced Agile / Scrum environment for the increasingly more popular small business management tool - centraldesktop.com. I was responsible for fixing bugs, adding features, giving input (during Scrum planning), and helping develop the growth of a site with over 465,000 users world-wide. We used PHP and PostgreSQL in a clustered *AMP environment, along with AJAX and JavaScript on the front end, and Perforce for source control management.

The Daily Titan Newspaper – Advertising Webmaster 6 / 05 – 7 / 07

I was the lead developer of dailytitan.com and its various subdomains, such as history.dailytitan.com, archive.dailytitan.com (some of which won awards). I also created an entire online yearbook / community for CSU Fullerton while with The Daily Titan using PHP and MySQL which can be seen at titanyearbook.com (it hasn't been touched for 5 years). I additionally created and oversaw the digitization and archival system to better maintain The Daily Titan's online presence, and was responsible for the organization and administration of advertisements.

Freelance web development & technical support clients 6 / 03 – present

danbeam.org (personal portfolio), hotdamntv.com (sketch comedy), and many other websites that have been taken down that I made for non-tech companies like: Fortner Precision, California Freedom Reverse Mortgages, New Age Construction, El Dorado H.S., and various charities (ACTVST, My Local Charities).

L A N G U A G E S & S K I L L S

** specialities

WEB	DESKTOP	PLATFORMS & OTHER SKILLS
JavaScript, HTML, CSS, Ajax **	Agile / Scrum **	Linux **
YUI, jQuery, Prototype, MooTools **	C, C++, C#	Macintosh / OS X
PHP5, Zend, Bash **	Java / Swing	Solaris / UNIX
Python, Ruby, GNU Make, Ant	OpenGL / GLSL	Windows
Perl, Mason, Template Toolkit	XNA / DirectX	System Admin. / Automation **
MySQL, PostgreSQL, Oracle	GIMP (image editing)	VCS (Subversion, Git) **

E D U C A T I O N

B.S. in Computer Science, C.S.U., Fullerton 2005 – 2009

C++, Java, Assembly, Operating Systems, File Structures Concepts, Systems Architecture, Software Engineering, Algorithms, Compilers, Databases, Game Development, Graphics, Discrete Math & Calculus, etc.

M.S. in Computer Science, C.S.U., Fullerton 2009 – present

Networking, Software Testing, and Advanced Networking (so far, more to come)

A C C O M P L I S H M E N T S / A W A R D S

Boeing Dean's Scholarship

Raytheon Science and Technology Scholarship

Computer Science Medallion (Outstanding Senior)

MarCom Creative Awards:

Platinum Award: Daily Titan History Online

Gold Award: Home Page

The Best of Collegiate Design (#14):

Fourth Place: Main Page Presentation

California College Media Association (2007):

Second Place: Best Use of Multimedia

Second Place: Best Interactivity

General Web Site Excellence, Honorable Mention

Second Place: Best Web Site

Orange County Ad Club (ADDY AWARDS):

Merit Award: Interactive Media Web Site (Titan Yearbook)

Merit Award: Interactive Media Web Site (DT History)

A B O U T M E

My greatest strength is my persistent work ethic, as I believe you can do anything with enough time and energy (fortunately I still have both). In addition to computer science, I also DJ house music, make websites for people that think they're funny, and try to do all my thinking outside of the box.

I also have many side projects I work on in my free time. To name a few: a rewrite of the YUI Compressor's CSS minifier using real parsing (most likely with Flex and Bison), an Object-Oriented PHP parser (similar to Sass without all the crazy stuff they've added), some jQuery plug-ins / YUI3 gallery modules, lazy loading jQuery without any API changes (called lazyQuery), a potentially cool 3D modeling format to be used client-side with WebGL, and functional JavaScript testing with a real DOM/BOM in headless environments (i.e. using GNU Make in Hudson with Xvfb and Selenium RC).

R E F E R E N C E S

Available upon request. I don't give out information that could lead to spamming the people that verify I'm useful.