

Arthur McLean

3904 SAMBUCA CT. AUSTIN, TX 78728
CEL 512 963-5274 TEL 512 244-1365

arthur@mclean.ws

Profile

I received a degree in Human-Computer interface in 1997. I have had 14+ years of industry experience, including web development, project management, and people management. While I prefer working in a group, I can also work independently. I am comfortable with tight deadlines and fuzzy deliverables.

Experience

WEB DEVELOPER/CONTRACTOR 2011

TECHNOLOGY HIGHLIGHTS:

- Devmo MVC Framework (PHP, proprietary)
- CodeIgniter MVC Framework (PHP)
- jQuery JavaScript Framework

ACHIEVEMENTS:

- Built an internal tool for an insurance agency to manage data collected from lead generation web sites.
- Helped lay the groundwork for a niche social networking start-up. This involved establishing the basic user-management framework, database and code structure for site-wide messaging and permissions, and implementing the initial user interface.

DIRECTOR OF ENGINEERING , MEG WHITMAN FOR GOVERNOR CAMPAIGN, CALIFORNIA 2010

TECHNOLOGY HIGHLIGHTS:

- Tokoni Proprietary Social Network Platform (PHP, proprietary)
- CodeIgniter MVC Framework (PHP)
- jQuery JavaScript Framework

ACHIEVEMENTS:

- Managed two web developers.
- Lead agile development process to meet constantly shifting priorities.
- Consistently met unrealistic deadlines.
- Integrated CodeIgniter MVC Framework into MW site to work side-by-side with the Tokoni Platform in order to facilitate more rapid development of "microsites", landing pages, and other non-standard content.
- Tightly integrated site with third party technologies.

WEB DEVELOPMENT CONTRACTOR, TOKONI, INC., 2009 - 2010

TECHNOLOGY HIGHLIGHTS:

- Tokoni Platform (PHP, proprietary)
- jQuery JavaScript Framework

ACHIEVEMENTS:

- Assisted with development of the Meg Whitman for Governor 2010 web site.

SENIOR WEB DEVELOPER, GRESHAM STORAGE SOLUTIONS, 2007 - 2009

TECHNOLOGY HIGHLIGHTS:

- CodeIgniter MVC Framework (PHP)
- jQuery JavaScript Framework, and custom plug-in development
- SilverStripe CMS (PHP)

ACHIEVEMENTS:

- Extended and enhanced the web-based management console for Storage Director, a virtual tape library appliance.
- Developed company web site using SilverStripe CMS.

WEB DEVELOPER, MOBILE ENTERPRISES, 2007

TECHNOLOGY HIGHLIGHTS:

- Django (Python MVT Framework)
- Yahoo User Interface (YUI) Library

ACHIEVEMENTS:

- Built a property management web application from scratch using the Django MVT Framework. Reached beta stage in 4 months, at which point the project was cancelled.

WEB DEVELOPER, AMBION, INC., 2007 (3 MONTH CONTRACTING POSITION)

TECHNOLOGY HIGHLIGHTS:

- Smarty PHP Templating Engine

ACHIEVEMENTS:

- Assisted with upgrades to their proprietary SAP-integrated eCommerce system.

SOFTWARE ENGINEER / CONTRACTOR, LIVE OAK 360, 2006 & 2007

TECHNOLOGY HIGHLIGHTS:

- CodeIgniter MVC Framework (PHP)
- MySQL
- X-Cart

ACHIEVEMENTS:

- Rewrite of Symbol Technologies web site (see Triple Dog Dare below). Migrated all existing data out of XML files into MySQL database, keeping all dependencies intact. All old URLs were maintained for search engine optimization (SEO).
- Implemented X-Cart eCommerce system for BeGreenNow.com
- Helped develop Time Warner's "On Demand" local business listings and events system (austinondemand.com, sanantonioondemand.com, etc...).

LEAD DEVELOPER, TRIPLE DOG DARE MEDIA, 2005 - 2006

TECHNOLOGY HIGHLIGHTS:

- MySQL
- Samba
- Subversion
- Python (Twisted framework)
- BeautifulSoup (www.crummy.com/software/BeautifulSoup/)
- XML / XSLT

ACHIEVEMENTS:

- Developed Symbol Technologies XML-based CMS. Their IT department required data storage in XML, which user's then had to learn how to edit, and the CMS used XSLT to transform into HTML for publication on the web. Used SQLite and MySQL to improve page rendering speed and site searching.
- Linux system administration experience including setting up a MySQL replication server for close-to-live backups, Samba deployment, incremental "snapshot style" backup system, Subversion repository administration, and day-to-day user support.
- Created a Python-based spidering tool for a local credit union to extract data daily from 20 competitors web sites, and organize the data to show how they ranked against each other in various categories. Much of this data required storing cookies and passing some sort of user interactivity test, like selecting the state, city, and branch to pull the data from. The primary tool I used for this was Beautiful Soup.
- Built a Python-based emailing tool (front end was PHP, part of an existing CMS). It allowed for the storage of custom data fields, which could be entered into each email as it was generated for personalization. I made use of the Twisted Framework to send the emails, which made it very fast.

DATA INTEGRITY SPECIALIST , UPDATE PUBLICATIONS, 2004 (3 MONTH CONTRACTING POSITION)

TECHNOLOGY HIGHLIGHTS:

- PHP-GTK

ACHIEVEMENTS:

- Developed a Windows-based data importation program using PHP-GTK which accepted a CSV file, mapped the data to be imported to the database columns, applied special formatting of incoming data, and could also export data to CSV.

OWNER / WEB DEVELOPER , MCLEAN INTERACTIVE DESIGNS, INC., 2002 - 2004

TECHNOLOGY HIGHLIGHTS:

- PHP
- JavaScript
- MySQL

ACHIEVEMENTS:

- Incorporated my own business, McLean Interactive Designs, Inc., to facilitate pursuing freelance web development career.
- Created interactive solutions to solve client needs:
 - ▶ St. Francis School (www.stfrancis-school.org) – web site / CMS / calendar
 - ▶ iKite (www.iKite.com) – web site / eCommerce / online community
 - ▶ KReed Designs (www.KReed.com) – Affiliate program
 - ▶ Lunch Discounts (www.LunchDiscounts.com) – mailing list / coupon delivery / restaurant mini-web sites / extensive data display customization
 - ▶ 107.7 The End (www.1077ktnd.com - offline) – web site / calendar / contests / listener feedback system
 - ▶ SureScore (www.surescore.com) – online education / test preparation / user management system

COMPUTER TEACHER , ST. FRANCIS SCHOOL, 2001 – 2002

(I also volunteered on the Technology Committee between 1998 and 2008)

TECHNOLOGY HIGHLIGHTS:

- Windows NT Server and Workstation

ACHIEVEMENTS:

- Developed curriculum and taught computer skills to children in grades 3 to 8.
- Built and installed computers for St. Francis.
- Helped manage over 100 varied (mostly donated) computer systems.
- Troubleshooting networking issues within the school.
- Ensuring all computers on site meet minimum security requirements.

ONRAMP ACCESS, INC.

Web Production Manager 1997 – 2001

Technical Support 1996 – 1997

TECHNOLOGY HIGHLIGHTS:

- MindMan (site mapping tool)
- PowerPoint (wireframes)
- Visio (entity relationship diagrams)

ACHIEVEMENTS:

- Created in excess of 200 web site development quotes. Each quote addressed at a minimum information architecture via site maps, and usually included new proposed functionality documented visually through wire frames, entity relationship diagrams, and a full write-up of the proposed solution.
- Managed up to fourteen people, including full and part time staff.
- Coordinated and managed many simultaneous web site / application development projects of various sizes including:
 - ▶ Rail Road Commission (www.rrc.state.tx.us)
 - ▶ EZCorp, Inc. (www.ezcorp.com)
 - ▶ Taco Cabana (www.tacocabana.com)
 - ▶ Defense Language Institute (www.dlielc.org)

Education

University of Texas at Austin — 1997

Bachelor of Science in Radio, Television, and Film — New Media Track

(The focus was Human-Computer Interface)

Referrals

Available upon request