



Experience

PHP Programmer – VS Media Inc.

Jan. 2009 to Sept. 2009

\$63,000 equivalent salary

- Part of a four-person team responsible for the maintenance and development of administrative command-line based scripts running off Linux based servers, web-based internal data-driven administration panels to manage high-volume forward-facing websites (sub 5000 Alexa rating), and front-end web applications and customer sites with a focus on video and audio streaming technologies.
- Responsible for backend programming as well as front-end styling and design.
- Programmed on Windows systems in PHP 4.0/5.0, xHTML, CSS 2.0/3.0, Javascript and AJAX (jQuery) using MySQL databases. Provided administration using Linux command line.
 - Developed customer mailing system from the ground up with support for creating HTML/PlainText dynamic content, sending only to subsets of customers with customizable specifications, automatic sending based on predetermined schedule or recurrence, ultimately reaching 250,000+ users at any time.
 - Overhauled entire frontend layout of the main site, integrating new web standards and technology like AJAX and additional jQuery, across 50+ forward facing pages.

MIS Programmer/Intern – Rhythm and Hues Studios

July 2008 to Jan. 2009

\$55,000 equivalent salary

- Part of a six-person team responsible for the development and maintenance of custom-written internal data-driven web applications in a cross-platform environment based on studio-wide needs.
- Programmed on Linux systems in Perl, CGI, TemplateToolkit, ModPerl, xHTML, CSS 2.0, Javascript and AJAX using MySQL and Informix databases.
 - Developed a single-point-of-contact web application with a dynamic-search user interface that ties together and queries two MySQL databases and one Informix database to provide historical data on any deployed system. Wrote application using Perl, CGI, xHTML, CSS 2.0, Javascript and AJAX; ported application over to a custom-developed MVC Framework utilizing Perl, Apache, TemplateToolkit, ModPerl, xHTML, CSS 2.0, Javascript and AJAX.

Systems Operator – Rhythm and Hues Studios

February 2008 to July 2008

\$50,000 equivalent salary

- Part of a ten-person team responsible for the technical support, maintenance, monitoring and upkeep of all users, systems, servers, networks, software and peripherals in a cross-platform environment on a 24/7 basis for a user base of over seven hundred.
- Provided hardware and software troubleshooting over the phone; remotely using RSH, SSH and Telnet; and in person.
- Utilized remote and command-line administration, custom-written utilities, tools and reports, ticketing systems and escalation techniques.
- Wrote custom Perl scripts utilizing MySQL and Informix databases.
- Used CGI, xHTML, CSS 2.0, Javascript and AJAX to deploy script features on the Studio intranet.
- Managed nightly, weekly and monthly backups and restores utilizing custom-written CPIO Perl based scripts and Tape Robot backup systems.
 - Developed a FTP Server monitoring cron that runs at specified intervals and on demand to provide real-time data on disk usage. Programmed in Perl and provided a web interface using CGI, xHTML, CSS 2.0, Javascript and AJAX.

Jr. Programmer/DBA – Sarah Lawrence College

June 2007 to January 2008

\$47,000 equivalent salary

- Part of an eight-person team responsible for the development and maintenance of custom-written internal data-driven web applications in a cross-platform environment based on the needs of the College Administration.
- Provided technical support for a user base of over two hundred and fifty using remote administration through Remote Desktop, Citrix and VNC, ticketing systems and escalation techniques.
- Responsible for the upkeep, utilization and report generation of an IBM iSeries/AS400 DB2 server through the IBM iSeries Client Access interface.



- Generated additional reports using Microsoft Access 2003 and Sybase Infomaker.
- Managed nightly, weekly and monthly backups and restores utilizing customized built-in backup systems of the IBM iSeries/AS400 server.
- Programmed on Windows and Mac systems in PHP 4.0, XHTML, CSS 2.0/3.0, Javascript and AJAX using MySQL, Microsoft SQL Server and DB2 databases.
 - Developed a PHP script to generate an Active Directory import file using a complex MySQL query with multiple joins, sub-queries and unions and concatenating a specific line-by-line string recognizable by Active Directory to provide nightly updates to the College's internal servers.
 - Developed a dynamic web interface to generate custom reports and queries based on user inputs through text fields, drop-downs and radio buttons. Interface featured to-the-moment query previews generated using AJAX, export file previews generated using AJAX and Microsoft Excel export file generation functionality using PHP header functions. Application was developed using PHP 4.0, XHTML, CSS 2.0, Javascript and AJAX and queried an IBM iSeries/AS400 DB2 database.

Help Desk Technician – Sarah Lawrence College January 2007 to June 2007 \$38,000 equivalent salary

- Part of a seven-person team responsible for the technical support, maintenance, monitoring, deployment and upkeep of all users, hardware, software and peripherals in a multi-platform environment for a user base of over twelve hundred.
- Provided hardware, firmware and software troubleshooting over the phone; remotely using Remote Desktop, VNC and Apple Remote Desktop; in person; and through scheduled appointments.
- Utilized ticketing systems and escalation techniques.
- Utilized boot disks like BartPE, cloning/remote-cloning techniques like Norton Ghost and custom-written VB scripts/Apple scripts in the deployment of all new systems.
- Lead community wide workshops, seminars and information sessions on such topics as Microsoft Outlook, Computer Hardware and Microsoft Excel.
- Trained and managed over twelve student employees on a rotating schedule.
- Programmed on Windows and Mac systems in PHP 4.0, XHTML, CSS 2.0/3.0, Javascript and AJAX using MySQL databases.
 - Wrote a data-collection web application to facilitate the inventory of all technology assets on campus using text fields, radio buttons, database-driven and database-updated drop-downs and checkbox procedure-verification features which stored collected data in a MySQL database, updated data using an additional custom-written web application and exported data using PHP header functions to a Microsoft Excel file for import into a third-party Centennial asset tracking system/database.

Education

Jenzabar – Boston, MA Introduction to Portal Programming using C#/ASP.NET Certification	November 2007	Certificate
IBM – Bronxville, NY IBM iSeries/AS400 Operator Certification	July 2007	Certificate
New Horizons – New York, NY Microsoft Access 2003 Certification	June 2007	Certificate
Sarah Lawrence College – Bronxville, NY Bachelors of Liberal Arts with a Concentration in Music and Writing	December 2006	Undergrad. Degree



Skills

Programming/Scripting Languages:

- xHTML 3 years, 6 months experience
- CSS 2.0/3.0 3 years, 6 months/1 year, 6 months experience respectively
- Javascript/AJAX 3 years, 6 months experience
- jQuery 8 months experience
- PHP 4.0/5.0 3 years, 6 months/1 years experience respectively
- Perl 8 months experience
- ModPerl 4 months experience
- CGI 8 months experience
- TemplateToolkit 4 months experience
- MySQL/Other flavors of SQL 3 years, 6 months/varied experience respectively

Systems:

- Windows 98/XP/Vista experience using and providing user support
- Microsoft SQL Server experience using
- MacOS 10.x experience using and providing user support
- MacOSX Server experience using
- Linux experience using and providing user support
- IBM iSeries/AS400 experience using and providing user support
- Informix experience using and programming for
- Apache experience using and programming for

Troubleshooting:

- Bootdisks, network booting and network deployments
- Cloning, remote cloning and imaging
- Remote administration
- Virus and spyware removal
- Windows registry and OSX library hacks and workarounds
- BIOS, software, hardware and firmware upgrades
- Data recovery
- Backup and restores

Other:

- Conversational fluency in Mandarin Chinese
- Published in the international physics journal Applied Physics Letters



Professional References

- Craig Miller, Lead PHP Developer, VS Media Inc. 818-606-2779
- Sha Fagan, Director, Academic Computing, Sarah Lawrence College 914.395.2471
- Gary Ploski, Assistant Director, Academic Computing, Sarah Lawrence College 914.395.2464
- Emily Sharp, Manager of Web Projects, Academic Computing, Sarah Lawrence College 914.395.2464
- Greg Conn, Web Developer/Programmer, Information Systems, Sarah Lawrence College 914.395.2677