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| **Paige Adele Thompson** |
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| **Objective** |
| To obtain a part-time, or full-time job as a Software Engineer, where the following areas of expertise are relative to a need, or of interest. |

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| **Work Experience** |

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| ***May 2010 – May 2010 AltSci Concepts Software Engineer*** | * Developed a consumer of a somewhat popular web-based service API using PHP and oAuth-php. application also used the Google charts API. |
| ***Dec 2009 – Apr 2010 The Branning Group Telecommute Software Engineer*** | * Worked on a number of PHP / HTML / CSS / Javascript / MySQL projects/websites. * Managed remote backups to my RAID-1 fileserver using Webdrive (a tool for mounting FTP/SFTP servers as a network drive in Windows) and Windows Backup. * Worked with SQL using MySQL query browser, MySQL Administrator, and PHPMyAdmin. * Worked with a number of content mangement systems such as Joomla, Wordpress, Zencart, OSCommerce, and a few from the ground up content management systems, including custom CSS themes / skins for these frameworks. * Communicated with the development group using Base Camp. |
| ***Nov 2009 – Nov 2009 Elpis Information Technology Services Inc. Telecommute Software Engineer*** | * Developed a website for their client using PHP, Javascript, and parameterized queries using the MySQLi API in PHP. * The site included an image uploader which stores images as a BLOB in MySQL for products, a product manager and a user manager. * The product manager can allow/disallow which users can select certain products. The site also features an additional web-based file uploader for clients to upload large PSD files. |
| ***May 2009 – May 2009 AltSci Concepts Seattle, Washington Software Engineer*** | * Assisted in the development of <http://www.digg-diversity.com> An alternative to Digg which uses a custom algorithm written in Javascript for sorting Digg stories and for discounting Diggs by users who Digg stories way too frequently and often coordinated in groups to sway stories to the front page. * Developed a Twilio App using PHP, MySQL, and the Twilio SDK. |
| ***Dec 2008 – Feb 2009 Onvia Inc Seattle, Washington Junior Software Engineer*** | * Worked on a data migration framework and migration job processor that was implemented as a WCF service. * The import process involved migrating sets of data often by date ranges but not exclusively from an old database using a Linq-To-SQL class that was created from SQLmetal then adding them to a new database using it’s WCF Service’s client. * The development of the migration framework also included a WPF-based management interface, a Windows Service Control for hosting the WCF service, an API for tracking job progress/error reporting/logging, and re-factoring/reusing code as well as import examples from a prototype importer code base. * Worked with Onvia’s previous database often using T-SQL in order to find out how to properly import data (where it had not been imported properly previously using the prototype framework) to the new database and to address data bugs reported by their content team as well as work items from Team Foundation Server. * Assisted in the development of Onvia’s new database service client which included an API for working with objects that were stored in the database, attributes that were stored in those objects, object and attribute comparison/updating, and test cases. |
| ***Jan 2008 - Dec 2008 Zion Preparatory Academy Seattle Washington IT Manager*** | * Maintained a computer network for 100+ users including workstations, hardware and software, Active Directory, migration, maintenance and design. Exchange migration, maintenance, account creation, network maintenance/design, and end-user support. * Migrated from Exchange 2007 to Google Apps Education Edition; accounts, mail, contacts, and desktop configuration. Desktop configurations made possible using Outlook plug-ins, and a alternative configuration using Thunderbird with plug-ins. * Worked with two Microsoft Volume License agreements and VMware Server 1 and 2. * Delivered a virtual machine image that provides a working configuration of LAMP, PostGRESQL 8.2 and Centre Student Information System. * Provided some assistance in the development of their website built on WordPress. |
| ***Netcrave Communications / Devel.WS Telecommute web hosting and development (My Company Name)*** | * Originally providing site hosting for several clients using cPanel on NetworkRedux as well as website development and maintenance services. * Broke even in less than a month with a reseller account. * Hosted sites and services on a dedicated Gentoo Hardened server of my own as well as providing backups which are done remotely over an SSL encrypted VPN and stored offline here at home. * Hosted entirely from home across 5+ virtual machines using VMWare server 2. The majority of the virtual machines are running OpenBSD. My LAMP stack and QMail servers are running on a FreeBSD virtual machine. * Shell account server was configured to transparently route all traffic over the Tor network unless exception rules for specific users are provided in pf. * Setup 3 different SSL-VPN servers, and I have one virtual machine running OpenBSD that acts as a router/firewall for all of the virtual machines and as the VPN server. |
| ***April 2006 – May 2006 Funzulu Telecommute web development*** | Assisted in the development and maintenance of the social networking site called Funzulu using PHP, MySQL, PHPMyAdmin, and cPanel.  Maintained regular backups for the site.  Integrated stats tools for collecting stats on the site.  Setup a Wiki for developers and phpprojekt. |
| ***November 2005- February 2007 Seattle Soft Inc Seattle Washington Software Engineer*** | Developed an application called “Barcode Scanner” for the Palm(r)/Symbol(r) SPT 1846 that scanned bar codes, and queried against a PHP script / MySQL database and presented data that could be viewed and manipulated. The device used 802.11 and was written in C using Palm 4’s socket API. The application was developed using Metrowerks Codewarrior for Palm, as well as the Symbol SDK.  Various administration, including backup scripts  Migrated websites, mysql databases, and DNS from a Dream Host account to a dedicated server.  Developed and delivered a user-based clock-in/clock-out management system in PHP and MySQL for one of their clients. |

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| **Education** |
| Bellevue Community College (2005-2006) Left prior to graduating for work @ Seattle Soft Inc. |

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| **Skillset** |

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| ***Applications*** | Office 2007, Dia, PuTTY, gVim, notepad++ |
| ***Operating Systems*** | *UNIX/Unix-like*  DragonFlyBSD, OpenBSD, FreeBSD, NetBSD, MINIX  *Windows*  XP, Vista Business/Enterprise, Server 2003/2008  *Linux*  Gentoo, SuSE, Debian, Ubuntu, Redhat |
| ***Linux Kernel Level*** | GrSecurity, SELinux, PaX, Busybox, LUKS, LVM2, MD, IPSEC, IPTables |
| ***Mobile Platforms*** | Windows Mobile, PalmOS 4/5, Android |
| ***Internetworking*** | hping, scapy, traceroute, dig, whois, nmap, cidr, net, arp, ethereal, ettercap, Nessus, metasploit, tcpdump, netstat, symmetric-NAT, Source-NAT, DMZ, snort, VLAN Trunking, Port Trunking, Port, Grouping, spanning tree, SNMP |
| ***Web-based / Software as a service*** | *Google*  Apps for Domains, Apps API, Ajax/JSON API,, Windows Live Admin, Office Live for Small Business,  *Other*  GoDaddy DNS, EveryDNS, DynDNS, Xen, OpenVZ, PayPal, Amazon Web Services |
| ***Languages*** | C#; for Visual Studio 2008 Professional Team Express Team Foundation Server, LINQ, SQL, XML, WCF, WPF, Eclipse/Java, Javascript, C, PHP, OO PHP, Python, Regexp, Microsoft SQL; T-SQL Management Studio, MySQL; MySQLi, Query Browser, Administrator, SQLite, XML, XSD, XHTML, XAML, SOAP, WSDL, CSS, JSON |
| ***Frameworks/Misc*** | Symbol SPT SDK, NUnit/JUnit, SQLMetal, SvcUtil, xsd, Android, Django/Turbogears, Django, registration, Django\_website, MVC Design, IPython, PEAR/PECL, simplejson, PHPMyAdmin, cpickle, Simpleton/Singleton/Manager patterns, language parsers/tokenizers, design by contract, data mining, fuzzing, buffer overflows, Agile/XP, SCRUM, Best Patterns and Practices, Microsoft Enterprise Library, Fiddler2, JQuery,  *Content Management*  Joomla, Wordpress, Zen Cart, OSCommerce, Social Engine |
| ***Service Administration*** | Exchange 2003/2007, Active Directory, LDAP, Kerberos, MS-DNS, ISC Bind, Bind-DLZ, PowerDNS, OpenVPN, Apache, mod\_python, mod\_php, suhosin, mod\_mono, mod\_proxy, mod\_security, mod\_ssl, fastcgi, suid, OpenSSL CA, Windows CA, Asterisk, Subversion, CVS |