SETH PARSON

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**Objective**

**LAMP Developer, Software Developer, Linux Administrator**

**Technical**

**Languages**: C/C++, PHP, HTML, CSS, Perl, Shell, Ruby on Rails, Python, Java  
 **Database Systems**: SQLite, SQL Server, MySQL, DB2  
 **Repository management**: GIT, Subversion, Mercurial

**Experience**

**Matrix Resources, DevOps Engineer**

February 2015 – August 2017

Hours per week: 40 Salary: $50 per hour contract

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| - Worked in a fast paced financial consumer loan company to deliver rapid results  - Full LAMP stack development of 34 websites, and over 8,000 domain names based on one PHP source code  - Managed local branch checkouts and merges from/to Subversion repository  - Created custom Domain Name management tool with PHP/MySQL with integrated login to GoDaddy and other DNS companies  - Configured automated test units using Watir, Ruby, PHP and Selenium  - Utilized VMWare for sandboxing development and subversion for version control  - Single handedly developed custom internal CMS (content management system)  - Overhauled financial lead management system to allow for tracking of over 1,000 loan opportunities per day  - Maintained store locator services for over 1,100 US based stores integrated with Google maps and web based lookup services  - Assisted other developers with repository management and other Linux administration tasks  - Attended weekly meetings to discuss customer’s needs and implementation with other developers |

**Northrop-Grumman, Software Developer**

October 2014 – January 2015

Hours per week: 40 Salary: $77 per hour contract

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| - Developed website application using Ruby on Rails, Java, and Google web toolkit  - Leveraged Mercurial repository to check in local branch changes into main line  - Configured automated test units for error checking with Java and Selenium  - Utilized VMWare for sandbox development and mercurial for version control  - Documented development efforts using Microsoft Office, and MS SCM  - Created automated test units using Python and PyExpect for Windows |

**Cyber Transport Craftsman, 3D1X2,** [**United States Air Force**](http://www.linkedin.com/company/157235?goback=.nmp_*1_*1_*1_*1_*1_*1_*1_*1_*1_*1_*1&trk=prof-exp-company-name)September 1994 – October 2014  
 Hours per week: 40 Salary: $50,000 per year

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| - Developed training web server using Linux(Debian/Ubuntu), Apache2, MySQL & PHP (LAMP) with a virtual GNS3 network back end tied to real Cisco networking equipment for the US Air Force Cyber Transport (3D1XX) career field.  - Configured and maintained DHCP, FTP, TFPT, HTTP, DNS(bind9), and other TCP/IP based servers.  - Programmed C/C++, PERL, PHP and Python scripts. Automated manual tasks using scripting.  - Configured and administered Linux, Unix, and Windows Servers and Desktop Virtual Machines.  - Worked with Pentagon and White House Communication Agency to ensure 100% voice and data telecommunications uptime between Andrews AFB, The White House, and Pentagon. - Served as manager of the Video Teleconference Center (VTC) for Air Forces District of Washington command. Maintained security keys for VTC equipment.  - Squadron Environmental Manager for RAF Molesworth, UK, ensured OSHA standards were met  - Coordinated installs and repairs of commercial circuits between US Air Force and British Telecom and other commercial companies. - Developed emergency dialing plan used by British Telecom for the US Air Force.  - Upgraded base telephone switch software 5 times and changed base from 5 digit dialing to 7 digit dialing plan. (Nortel DMS-100)  - Activated contingency hospital telephone system at evacuation base Punsan, South Korea - Led teams to install and troubleshoot various electronic systems, telephone and data circuits. Maintained over 60,000 circuits for Andrews AFB, Andersen AB, RAF Molesworth, RAF Alconbury, Lackland AFB, and Kelly AFB. Installed and maintained various telephone PBX systems. Installed remote access circuits to 85 PBX systems which allowed for remote programming |

**Education**

**Community College of the Air Force** Electronic Systems 1994 – 2010 **University of Phoenix** Computer Science 2004 – 2006  
**University of Maryland University College** 1998 – 1998