SETH PARSON

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**Objective**

**Software Developer, UI Developer, Linux Administrator**

**Technical**

**Clearance**: SCI/TKG Cleared  
 **Languages**: C/C++(Cross platform), PHP, LUA, SQL, HTML, CSS, Perl, Shell, Ruby on Rails, Python, Java  
 **Operating Systems**: Windows, Linux, FreeBSD, Solaris Unix  
 **Database Systems**: SQLite, SQL Server, MySQL, DB2  
 **Repository management**: GIT, Subversion, Mercurial

**Experience**

**Matrix Resources, DevOps Engineer**

February 2015 – Present

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

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| - Full LAMP stack development of 34 websites, and over 8,000 domain names based on one PHP source code  - Created a Domain Name tracking tool using PHP to manage domains  - Configured test units using Ruby, PHP and Selenium  - Utilized VMWare for sandboxing development and subversion for version control  - Developed internal CMS (content management system) to allow customers to enter their own content  - Overhauled lead management system to allow for tracking of leads for over 1,000 loan opportunities per day  - Managed store locator services for over 1,100 stores integrated with google maps and web based lookup services |

**Northrop-Grumman, Software Developer**

October 2014 – January 2015

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

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| - Developed website using Ruby on Rails, Java, and Google web toolkit  - Configured test units using Java and Selenium  - Utilized VMWare for sandboxing development and mercurial for version control  - Documented development efforts using Microsoft Office, and MS SCM  - Created 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 – Present (19 years 8 months)  
 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.  - Base Squadron Environmental Manager.  - 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 for evacuation base in Punsan, South Korea. - Led teams to install and troubleshoot various electronic systems, telephone and data circuits. Maintained over 20,000 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; enabled 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