**Ronald J. Washington**

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**Summary of Qualifications:**

* Programming\Scripting Languages and Tools
  + PowerShell, Bash, Python, Java, VBscript, Windows Management Instrumentation (WMI), HTML, Javascript
  + Microsoft VS code, Pycharm, Eclipse, PowerShell ISE, notepad++, Jenkins CI, Git, Robot Framework, Elasticsearch ELK stack, Selenium
* Operating Systems
  + Linux variants, Unix, Solaris, Mac OS X, VMware ESXi, Windows Client and Server
* Information Security
* Kali, Security Onion
* Networking Tools
  + Wireshark, Nmap, Solarwinds, Breaking Point, Network Critical passive LAN taps

**Professional Experience:**

**Engility** Nov 2010 – Present

Range Technician  (San Antonio, TX)

Developed test bed virtual and physical network environments for 47 Cyber Test Squadron cyber testers, testing Air Force software capabilities using mostly open source software. Architected test automation processes and configuration using Robot Framework, ELK and Jenkins as our continuous integration. Organized configuration management schema by implementing GIT with scripts I created that reduced the build process of the range virtual environment using VMware PowerCLI, WMI, Python and Bash. Wrote web traffic generation scripts and dynamic web content with Javascript and HTML. Constructed test environment with Dell servers and workstations, Cisco routers and switches, Cisco Adaptive Security Appliance (ASA), Palo Alto firewalls, Breaking Point traffic generation appliance, Network Critical taps and unique customer provided hardware.

**MacAulay Brown** May 2010 – Oct 2010

Combat Information Transport System Administrator (San Antonio, TX)

Combat Information Transport System (CITS) Block 30 systems administrator responsible for monitoring US Air Force networks and infrastructure concerning intrusions and malicious activities.  Monitored Intrusion Detection Systems (IDS) and appliances with ArcSight Enterprise Security Management to apply corrective fix actions responding to triggered alerts.  Managed Host Based Security System (HBSS) using McAfee ePolicy Orchestrator, testing, installing signatures rules, software updates and patches, protecting local systems within the Lackland Air Force Base enclave. Wrote Bash scripts that tested connectivity between network devices, security appliances and application servers to ensure uptime, CPU loads, memory allocation and storage capacity.

**SGIS**Nov 2009 – May 2010 Systems Engineer (San Antonio, TX)

Configured Cisco Unified Communications Manager server, Cisco VOIP phones, routing paths, dialing plans and site surveys for the installation and troubleshooting of Cisco based data, voice and video network supporting over 1,000 users across the Air Force network.  Systems engineer supporting daily administrative tasks, training users on network applications, maintaining network health by monitoring and analyzing network traffic with Solarwinds Orion Network Performance Monitor. Storage Administrator to include installing HBAs, connecting to brocade switches, configuring aliases, zones, raid groups, LUN’s (virtual hard drive), hosts, and storage groups. Performed SAN migration from an EMC CX700 to a CX4-240, this increased current storage space and provided for future network resources and mission critical application growth.

**Navy Information Operations Center National Security Agency**                                                                 Oct 2006 – Sept 2009

Help Desk Supervisor (Kunia, HI)

Supervised 10 IT professionals who resolve Tier II support for 2,500 users and multiple-platform Information Systems within a global Windows based architecture.  Managed customer support issues and established current workflow processes using Information Technology Infrastructure Library (ITIL) standards.  Hand selected as project coordinator for local computer operating system upgrade from Windows 2000 to Windows XP to meet current Department of Defense standards in preparation for site-wide inspection.  Managed a hardware installed over 3,000 computers, 200 printers, with minimal user downtime, using limited resources and time constraints while preserving a strong security posture within a sensitive information network.

**Education:**

Bachelors of Science in Computer Information Systems (BSCIS) Saint Leo University

Bachelors of Science in Business Administration Management (BSBAM) Park University

**Certifications and Training:**

Cisco Certified Network Associate Security (CCNA Security)

Linux Professional Institute Certification (LPIC)

Microsoft Certified Professional

Microsoft Certified System Administrator (MCSA) on Windows Server 2003

Red Hat System Administration Training course Alamo College Northeast Lakeview

Wireshark Training course Alamo College Northeast Lakeview

Security+ course Alamo College Northeast Lakeview