

# JOSHUA M. GAUTHIER

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## SUMMARY OF QUALIFICATIONS

An accomplished Information Technology professional with seven years of experience, five of which in the field of Information Security. Skilled Windows/Linux system administrator. Experienced in authoring Certification and Accreditation (C&A) documentation and assessing security posture per relevant Information Assurance (IA) guidance, particularly DoDI 8500.2, DISA FSO security checklists, Security Readiness Review Scripts (SRRs) and Security Technical Implementation Guides (STIGs). Key strengths include: excellent communication skills, insatiable appetite for learning new technologies, adept at working under pressure with multiple concurrent tasks, and possession of a solid work ethic.

**Long Range Objective:** Computer/Network Defense - Penetration testing and system security

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## EDUCATION

<b>The Virginia Military Institute</b>	Lexington, VA, U.S.A.
Bachelor of Science in Computer Science	2007
<b>SANS Technology Institute</b>	Bethesda, MD, U.S.A.
Master of Science in Information Security Engineering	2013

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## SKILLS

- Operating Systems: Windows (All), Linux, VMware ESX
- Programming Languages: Java, Python
- Networking Devices: Familiar with configuration of Cisco / Foundry switches and F5 BigIP devices

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## CERTIFICATIONS

- Certified Information Systems Security Professional (CISSP)
- GIAC Certified Penetration Tester (GPEN)
- GIAC Assessing Wireless Networks (GAWN)
- GIAC Certified Intrusion Analyst (GCIA)
- GIAC Certified Incident Handler (GCIH)
- GIAC Security Essentials Certification (GSEC)
- Offensive Security Certified Professional (OSCP)
- Offensive Security Wireless Professional (OSWP)
- Certified Ethical Hacker (C|EH)
- ITIL v3 Foundations

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## WORK HISTORY

<b>ManTech</b>	November 09 - Present
<i>Cyber Security Research Scientist / Information Assurance Range Engineer</i>	<i>Quantico, VA</i>

- Tasked with implementing the DoD IA Range, a cyber-range with operationally realistic traffic to simulate the DISA GIG
- Configured and deployed servers/workstations/and services to support the DoD IA Range effort. These included: Windows Server 2003/2008, XP, Vista, Windows 7, Solaris, RHEL, Ubuntu, ESX, Exchange, AD, SQL, HBSS and SourceFire
- Responsible for the fingerprinting of operationally realistic traffic for the GIG and breathing that traffic into IA Range utilizing a myriad of technologies including BreakingPoint Systems and SAST
- Configuration/implementation/and support of NetApp SAN
- Tasked with the research of the latest threats affecting computer systems
- Unannounced and cooperative security assessments for computer networks

<b>Northrop Grumman Corporation</b>	August 09 - August 10
<i>Computer Network Defense Planner</i>	<i>Quantico, VA</i>

- Successfully configured and deployed range network for major Marine Corps CND Exercise
- Augmented the Marine Corps Red Team (MCIART) in exercising training audience by automating attacks utilizing Security Assessment Simulation Toolkit (SAST)
- Served as White Cell component for the Marine Corps portion of a major Joint CND Exercise

**Booz|Allen|Hamilton****Senior Consultant**June 09 - August 09  
Washington Navy Yard, DC

- DITSCAP / DIACAP package review for NAVSEA Chief Information Officer
- Developed process to track comments between C&A reviewers, Certification Authority, and Commands
- Interface with NAVSEA Command IA representatives
- Ensure packages meet defense in depth requirements to mitigate threats posed to the US Navys war fighting capabilities

**SAIC****System Administrator V**May 07 - May 09  
Quantico, VA

- MCEITS DIACAP package creation and maintenance utilizing Xacta
- Vulnerability assessment testing via eEye Retina Security Scanner and Nessus
- Application of DISA Security Technical Implementation Guides (STIG) for Windows, UNIX, and VMware ESX.
- Authored business process for the automated and unattended installation of standardized operating system environments across multiple platforms/operating systems.
- Responsible for system availability and performance monitoring via HP Business Availability Center, Site Scope, and Nagios.
- Day to day operational sustainment and administration of over 130 systems including Windows Server 2003/XP, Red Hat Enterprise Linux 4/5, and VMware ESX with tools such as Symantec
- Endpoint Protection, Altiris, Microsoft group policy, and self-authored scripts.

**Virginia Military Institute****System Administrator**January 04 - May 07  
Lexington, VA

- Manned both Tier I and Tier II help desks.
- Installed, Configured, and Deployed campus wide Ruckus music service
- Configured and deployed Foundry FES2402/4802/9604 switches throughout campus, upgrading the infrastructure and making possible the use of wireless and IP telephony technologies.
- Configured and deployed Foundry IronPoint 802.11a/b/g access points bringing wireless mobility to all points on campus
- Assisted in the deployment of Cisco 7912/7940/7960 VOIP phones
- Network and System performance monitoring utilizing Nagios and SolarWinds.