

Daniel Nieters

Systems Security Engineer

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Education

- 2008–2010 **Master of Science, Information Science & Technology**, *Missouri S&T*, GPA: 3.5.
Certificate in Computer Engineering – Information Assurance & Security Officer Essentials
- 2005–2008 **Bachelor of Science, Information Science & Technology**, *Missouri S&T*, GPA: 3.8.
Minor in Business Administration

Experience

- 2012–Now **Security Engineer II**, *The Boeing Company*, St. Louis, MO.
Technical lead on the information assurance implementation for the U.S. Navy's net-centric F/A-18 Automated Maintenance Environment (FAME). Responsible for maintaining IA controls to meet accreditation standards on over 3,000 hosts and 100 servers in squadrons across North America.
- Fully configured a lab environment for use in testing IA releases for the immediate IA team of 6 members, as well as all software QA testers. Environment contains dev and test versions of all production servers.
 - Administered and maintained rulesets, schedulers, and whitelists in McAfee ePolicy Orchestrator for host intrusion prevention, asset baseline monitoring, rogue host detection, and virus scanning.
 - Wrote IA lockdowns using C# and batch scripting and coordinated their release through remote patching and physical software packages. Documented field security posture by utilizing scheduled Nessus scan jobs.
 - Compiled quarterly Certification and Accreditation packages for Navy customer utilizing OS patch and configuration vulnerability scanning. Wrote mitigation plans for zero-days and problematic lockdowns.
- 2010–2012 **Programmer/Analyst I**, *The Boeing Company*, St. Louis, MO.
Application security assessment lead for the Application Consolidation & Modernization team. Responsible for assessing risk, scanning, and advising mitigation strategies on over 500 internal applications at Boeing.
- Devised a risk assessment matrix to qualitatively assign risk to an application based on a list of criteria.
 - Utilized static code analysis and penetration testing tools to detail code-level vulnerabilities in web and standalone applications.
 - Wrote reports detailing code remediation strategies and consulted with the individual developers.
- 2008–2009 **Student Programmer**, *U.S. Geological Survey*, Rolla, MO.
Worked in the Nerd Herd and helped to solve computer problems by asking customers to turn their computers off and on again.
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- Summer 2008 **Global Enterprise Architect**, *Raytheon Company*, Long Beach, CA.
Did some stuff then I did some more stuff
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Projects & Interests

- Various Arduino Projects

Language Experience

Familiar C/C++, Javascript, Python, \LaTeX
Proficient Java, HTML, SQL, Win/UNIX shell

Software Experience

OS Windows XP/7/2003/2008 Server, UNIX/Linux, Cisco IOS
Programs VMWare ESXi, McAfee ePolicy Orchestrator, Tenable Nessus, SecurityCenter, nmap, Wireshark, IBM AppScan, Microsoft Visual Studio 2010

Certifications & Awards

Vocational	CCNA, Security+, 6 σ Green Belt, DoD Secret Clearance
Other	Eagle Scout