

Adam Christian Sachitano, CISSP

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Education

- **Auburn University** - Auburn, AL
M.E., Software Engineering (GPA 4.00), 2008, *Summa Cum Laude*
Focus on Software Engineering and Networking
Information Security Option
- **Auburn University** - Auburn, AL
B.S., Computer Science (GPA 3.84), 2002, *Summa Cum Laude*
Concentration in Applied Discrete Mathematics
Cooperative Education Certificate

Interests

- Interests include: information security, software engineering, network performance and analysis, applied discrete mathematics (information theory and applied cryptography)

Skills

- Computing Platforms: IBM/PC, SUN, Apple, Cray XT/XE/XMT
- Operating Systems: Windows, Linux, Solaris, *BSD, Mac OS X
- Programming Languages: C, C++, Java, Perl, x86 assembly, et. al
- Databases: Postgresql, MySQL
- System Administration: TCP/IP Networking; Windows Server, Solaris, Linux, and *BSD operating systems; various open-source server software (e.g., web, database, email, revision control, and DNS); Linux and OpenBSD firewalls & routers; OpenVPN; Snort IDS; Net-SNMP agent; Asterisk PBX; Cray

Certifications, Achievements, Activities, Awards

- Certified Information Systems Security Professional (CISSP) #309046
- GIAC Certified Incident Handler (GCIH) #1789
- Captain, Auburn University Digital Combat Team
- Recipient, NDIA-TVC Space & Missile Defense Working Group Fellowship
- University Superlatives: Outstanding Graduate of the College of Engineering, "Outstanding Senior" of Computer Science department, "Outstanding Pre-Engineering Student"
- Collegiate Honorary Societies: Phi Kappa Phi, Golden Key, Kappa Kappa Psi

References - others furnished upon request.

- Jose Javier Solano - Cray, Inc. (985-705-9992)
- Lee Whatley - Lockheed Martin Co. (228-688-4999)
- Bridget Abashian - Sentar, Inc. (256-430-0860 x117)

Work Experience

- **Cray, Inc.** - Stennis Space Center, MS
Engineer III (July 2008 - March 2010)
Engineer IV (March 2010 - Present)
 - Software developer: exception analysis & predictive failure engine, health monitoring, on-line network diagnostics, attached storage health monitoring & exception reporting
 - System Engineering: supercomputer installation & integration planning, acceptance
 - Security Analyst: compliance with DoD security requirements, liaison to Cray product development
 - System Administrator: 100+ teraflop-class supercomputer, 500 terabyte cluster file system
- **Davidson Technologies** - Huntsville, AL
System Security Engineer (April 2008 - July 2008)
- **Sentar, Inc.** - Huntsville, AL
Principal Analyst I (April 2005 - April 2008)
 - Software developer: multi-agent middleware for sensor web applications, logistics process simulator, statistical abnormal human usage detection engine
 - Researcher: malicious software types and mitigation strategies, abnormal usage detection systems, network intrusion detection sensor fusion
 - System Engineering Consultant: application development, process implementation, configuration management, quality assurance, IDS appliance development & testing
 - Security Services Consultant: ST&E, security auditing, software vulnerability assessment, penetration testing, intrusion detection
 - Certification & Accreditation lead: NIST 800-37 C&A of several computer and network systems for a federal civilian agency
 - Technical editor & writer: SBIR proposals to various government agencies
 - Security Manager & System Administrator: computer network defense lab and multi-segment network, VoIP PBX
- **Adtran, Inc.** - Huntsville, AL
Design Engineer (June 2004 - April 2005) Carrier Networks Element Management
 - Software developer: TL1 to SNMP protocol translation engine, carrier-class element management system & associated automated build system, 3500+ node SNMP simulator
- **Auburn University** - Auburn, AL
Graduate Teaching Assistant, Graduate Research Assistant (January 2003 - June 2004)
Information Assurance Laboratory Manager (June 2003 - June 2004)
- **Virticle Corp** - Auburn, AL
Software developer, System Administrator (November 2002 - December 2003)
 - Software developer: Content management system, hosted inventory system for online stores, web application development
- **Adtran, Inc.** - Huntsville, AL
Cooperative Education - Engineer (4 academic semesters; May 2000 - August 2000, January 2001 - May 2001, January 2002 - August 2002)
 - Software developer: modem test bed, automated quality assurance testing products, T1 multiplexer and expansion card firmware

Publications

- Sachitano, A.; Imsand, E.; Hamilton, J.; *Reverse Engineering Vulnerabilities In Simulation Software*, Proceedings of the 2003 Advanced Simulation Technologies Conference, Mar 30 - Apr 3, 2003, Orlando Florida, Pages 101-107.
- Sachitano, A.; Chapman, R.; Hamilton, J.; *Security in Software Architecture: A Case Study*, 2004 Colloquium for Information Systems Security Education (CISSE 2004), June 2004, U.S. Military Academy, West Point.
- Hamilton, J.; Chatam, W.; Eoff, B.; Imsand, E.; Sachitano, A.; "Security Issues Resulting from Interoperability" (Chapter 9), *Modeling Command & Control Interoperability*; Hamilton, J.; SCS Press.
- Masters Project: "Detecting Abnormal Usage of a Software Version Control Repository"