

Anne H. Henmi

4877 McCoy Avenue
San Jose, CA 95130
(408) 718-8027

Email: hobbes@vaxer.net

Objective:

To excel in a technical education project management or course development role by utilizing my unique mix of instructional and information security skills.

Professional Experience:

Computer Sciences Corporation at NASA Ames Research Center, Moffett Field, CA.

Technical Training Manager, February 2010 – present.

Design training and certification programs for security operation analysts, threat analysts, and infrastructure personnel. Partner with management on communicating security operations training requirements. Write case studies to train employees with real-life examples of network security analysis. Run weekly webinars from external vendors to operations personnel. Edit presentations for content, technical accuracy, organization, and grammar.

Projects: Manage internal IT security training program and training framework for all contractor employees. Create technical training on packet analysis for various network attacks. Designed security analyst training for packet captures. Develop certification program for analysts.

Security Analyst, October 2008 – February 2010.

Led contingency plan testing project and training for NASA Advanced Supercomputing division. Created security checklist for Java, PHP, and Perl web application developers. Audited and validated security for all systems at NASA Advanced Supercomputing division. Analyzed PCAPs and security trends in syslogs, IDS logs, and vulnerability scans using ArcSight Enterprise Security Manager.

Tellme Networks (Contractor), Mountain View, CA.

System Administrator, June 2008 – October 2008.

Automated account creation and removal processes involving UNIX password files, Active Directory, and LDAP servers. Created user guides for SSH and Firefox configuration.

McAfee, Santa Clara, CA.

Senior Security Researcher, January 2008 – June 2008.

Developed proprietary web vulnerability signatures for product release. Updated previously written signature code to reduce false positives and improve optimization. Daily revised customer vulnerability information and solutions.

Securify, Cupertino, CA.

Information Security Engineer January 2006 – December 2007.

Optimized Nessus performance by 30 to 40 percent on SecurVantage appliances. Automated, tested, and published signatures for the weekly SecurVantage security packages. Tested Integration Nessus scanners and Snort IDS with SecurVantage appliances. Supported SecurVantage Windows client and Linux servers.

Projects: Designed and maintained test network environment for Snort signature and Nessus plugin testing, including reducing hardware with VMware servers running various guest operating systems. Developed Python scripts to parse configuration files for errors to help support and development teams.

Juniper Networks, Sunnyvale, CA.

Senior Technical Course Developer, September 2004 – January 2006

Updated and reviewed course materials and labs for customer delivery. Maintained Linux systems, hardware configurations, and network services for the North American lab environment running VMware Server.

Projects: Developed beta and release of new course materials and labs for the Intrusion Detection and Prevention (IDP) product. Partnered with the Emerging Technologies group to produce modified packet captures for effective IDP customer labs. Upgraded Security Manager course materials and labs to reflect new software upgrade.

Counterpane Internet Security, Mountain View, CA.

Security Engineer, May 2004 – September 2004.

Developed and taught international partner courses on general security principles, access controls, network security, and the anatomy of an attack. Deployed firewall support solutions to production Linux monitoring systems on customer networks. Tuned customer IDS servers to maximize security services.

California Institute of Technology. Pasadena, CA.

System Administrator, January 2002 – March 2004.

Implemented secure configurations for UNIX systems to reduce network attacks. Investigated intrusions and performed forensic analysis on UNIX and Windows systems. Audited systems for security vulnerabilities.

Projects: Developed security policy for the Center of Advanced Computing Research, involving a team of system administrators, researchers, and department heads.

SSH Communications Security. Palo Alto, CA.

Principal Security Consultant, July 1999 – October 2001.

Presented SSH Communications Security's technical strategy at marketing seminars. Performed interoperability testing with IPsec VPNs and Secure Shell with vendors. Developed white papers on Secure Shell. Managed technical pre-sales and post-sales support team handling customers worldwide. Assisted with development cycle, including testing and improving documentation.

Projects: Developed the business model and education plans for the Secure Shell product. Delivered and developed Secure Shell system administration course.

VeriSign. Mountain View, CA.

Information Security Analyst, November 1998 - July 1999.

Developed contingency plan and incident response for VeriSign's root Certificate Authority. Reviewed technical designs and implementations for security concerns. Conducted security assessments and audits.

International Network Services. San Mateo, CA.

Network Security Engineer, December 1997 - November 1998.

Designed and delivered Tiger Team Training, delivered basic UNIX course, network security architecture for large financial institution, security audit and policy for state lottery. Ran penetration testing on customer networks.

Technical Experience:

Certification: Certified information Systems Security Professional

Operating Systems: Linux (Ubuntu/Redhat/Debian), Mac OS X, NetBSD, Win 2003/XP/Vista

Course Development and Lab Development: Framemaker, CVS, VMware Server, Workstation, and Fusion

Networking and Security Tools: Wireshark, Snort, TCPDump, Nmap, TCP Replay, Nessus, PGP

Programming languages: BASH, XML, HTML, Python

Publications:

Firewall Policies and VPN Configurations, Technical Editor and Author	Syngress, 2006
Intrusion Prevention and Active Response, Technical Editor and Author	Syngress, 2005
IT Security Discussion, Invited Speaker	BayLISA, 2005
Best Damn Firewalls Book Period, Technical Editor and Contributor	Syngress, 2003
Snort 2.0, Contributing Author	Syngress, 2003
UNIX Cryptographic Tools, Author and Invited Speaker	Interworks, 2001
Encrypted Network Protocols, Invited Speaker	TISC, 2001

Education:

University of Florida

BA, Economics

References furnished upon request.