

**Bryan Miller**  
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**EDUCATION:**

2007 **University of Richmond**  
Culinary Arts Program

December 1995 **Virginia Commonwealth University**  
Master of Science, Computer Science

May 1992 **Virginia Commonwealth University**  
Mathematical Sciences Certificate, Computer Science

August 1987 **Virginia Commonwealth University**  
Bachelor of Science, Information Systems, *cum laude*

**WORK EXPERIENCE:**

August 2007 – present **Syrinx Technologies LLC**, President  
Founded this company specializing in systems, network and application penetration testing. Other services include configuration audits, I.T. policy and procedure development and compliance consulting on HIPAA and PCI. Wireless and dial-in scanning. Social Engineering. Custom training as requested.

August 2009 – May 2010 **Virginia Commonwealth University**, Adjunct Faculty  
Taught undergraduate and graduate classes in the Information Systems and Computer Science Departments. Annual guest lecturer for the FTEMS program.

August 2007 **Packet360, Inc.**, Security Practice Area Manager  
Responsible for building and leading a security team in the area of penetration testing, compliance issues and network security design.

April 2001 – July 2007 **SyCom Technologies**, Security Practice Area Manager  
Responsible for building and leading a security team in the area of penetration testing, compliance issues and network security design.

Nov. 1999 - April 2001 **Dataline Inc. (SLAIT)**, Richmond Engineering Manager  
Responsible for providing network solutions for customers using products by Cisco, Sun and Network Appliance. Other duties included custom training in Cisco products and project management.

August 1998 - Nov. 1999

**Dominion Systems Consulting, Inc.,** President

Founded this company specializing in network planning, design and implementation. Served as adjunct faculty at J. Sargeant Reynolds Community College and John Tyler Community College in the CCNA Academy programs.

April 1998 - August 1998

**Cabletron Systems, Inc.,** Senior Post Sales Engineer

Duties included the maintenance of all Cabletron Ethernet and FDDI switching products and Cisco 7513 routers at WhiteOak Semiconductor. Other responsibilities included generating network utilization reports and monitoring all network segments using Network General Sniffer products. Assisted in an evaluation of network monitoring/reporting packages. Evaluated high-speed network technologies including ATM and Gigabit Ethernet.

January 1997 - April 1998

**Digital Video Express LP,** Senior Telecommunications Analyst

Responsible for designing and implementing the network infrastructure, including LAN and WAN segments. The infrastructure consists of Cisco routers and Cabletron Ethernet switches. Worked with various technologies including 10BaseT, Fast Ethernet, frame-relay and FDDI. Responsible for the maintenance of company-wide DNS servers. Performed an evaluation of Ethernet switching products and presented findings to management. Completed an evaluation of computer telephony integration (CTI) products. Managed the design and installation of a call center computer room. Evaluated and implemented secure dial-in and Internet access.

July 1993 - January 1997

**Circuit City Stores, Inc.,** Senior Network Engineer

Duties included the design, installation and maintenance of the company-wide networks. The network operating systems consisted of Banyan Vines and Windows NT. Other duties included the configuration of Cisco routers to support the various LAN and WAN segments. Network analysis was performed using a Network General Sniffer. Initiated documentation procedures for the network architecture. Responsible for DNS server maintenance. Completed an ISP evaluation and coordinated the installation of an Internet connection.

December 1987 - July 1993

**Virginia Commonwealth University,** Network Engineer

Designed and installed networks in several of the main campus buildings using Cisco routers. Worked as a liaison between the Academic Computing department and the various schools on the West campus. Performed DNS server maintenance. Responsible for network analysis and documentation. Assisted other departments in the management of their AppleTalk and Novell networks.

**CERTIFICATIONS/  
CLASSES:**

ISC<sup>2</sup> CISSP  
Former Cisco Certified Internetwork Expert (CCIE #7316) – R/S  
SANS: AUD507 - Auditing Networks, Perimeters and Systems  
SANS: AUD521 - “Standards for Protecting Credit Card and Other  
Private Information PCI CISP: The Visa Digital Dozen”  
SANS: SEC434 - Log Management In Depth  
SANS: SEC503 - Intrusion Detection In-Depth  
SANS: SEC504 - Hacker Techniques, Exploits, and Incident Handling  
SANS: SEC508 - System Forensics, Investigation and Response  
SANS: SEC542 - Web App Penetration Testing and Ethical Hacking  
SANS: SEC553 - Metasploit for Penetration Testers  
SANS: SEC560 - Network Penetration Testing and Ethical Hacking  
SANS: SEC567 - Power Packet Crafting with Scapy  
SANS: SEC577 - Virtualization Security Fundamentals  
SANS: SEC580 – Metasploit Kung Fu for Enterprise Pen Testing  
SANS: SEC617 – Wireless Ethical Hacking, Pen Testing & Defenses  
SANS: Penetration Testing Summit - 2010  
SourceFire: Building and Operating Snort  
SourceFire: Understanding Snort Rules

**PROFESSIONAL  
ASSOCIATIONS:**

Information Systems Security Association (ISSA)  
InfraGard

**PUBLICATIONS:**

“In Search of Low-Hanging Fruit: Improving Security and  
Privacy with Penetration Testing”, *Cutter IT Journal*, Vol. 22, No.8.

**SPEAKING  
ENGAGEMENTS:**

- ISACA, February 2016 – “IoT Security”
- COV ISOAG, February 2016 – “IoT Security”
- ISACA, January 2015 – “Sony...Bad Security or Bad Politics?”
- ISACA, May 2014 – “Is PCI Broken”
- CarolinaCon, March 2013 – Raleigh, NC
- COV ISOAG, December 2012 – “Don’t Overlook the Obvious”
- VA SCAN, October 2012 – “Low Hanging Fruit from Penetration Testing”
- ILTA, March 2012 – “Security in a Legal Environment”
- ISACA, February 2012 – “Auditing Your Infrastructure”
- SPTC Tech Summit, October 2011 – “Information Security – Security Considerations”
- VA SCAN, October 2011 – “Securing Remote Access to IT Resources”
- VCU/MCV Cybersecurity Fair, October 2011 – “Cloud Computing Security”
- Credit Union IT Professionals of Central Virginia, May 2011 – “Upcoming Security Issues for Financial Institutions”
- RichTech Panel, March 2011 – “Wikileaks: Perception vs. Reality”
- MCV Cybersecurity Day, October 2010 – “HIPAA Privacy & Security”
- ISACA, March 2010 – “Penetration Testing as an Auditing Tool”
- ISSA, October 2008 – “Penetration Testing as an Auditing Tool”
- Cisco VATS, October 2008 – “PCI Compliance”