John F. Skoda IV

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Education

Union Institute & University Vermont College   **Montpelier VT**
Master of Arts   *2005*
Concentration in History of Science and Technology

Vermont College Norwich University   **Montpelier VT**
Bachelor of Arts   *2000*
Concentration in Writing and Literature

Certfications

- Certified Intrusion Analyst (GCIA) *Dec 2012*
- Certified Forensics Analyst (GCFA) *Jan 2011*
- Certified Program Manager (GCPM)*Nov 2008*
- Certified Incident Handler (GCIH) *Dec 2012*
- Certified Penetration Tester (GPEN) *Feb 2009*
- Security Essentials (GSEC) *Sep 2007*

Skills

- Moodle & on-line teaching
- Course development
- Gamification
- UNIX, Linux, Mac OS
- TCP/IP Internals
- C, Perl, Ada
- Project management
- Software development
- Web site design

Experience

Gamemeisters LLC   **Randolph, VT**
Owner & CEO   *2013–present*
Responsible for all aspects of business and product development for a hobby and educational game design company.

Vermont Technical College   **Randolph Center, VT**
Assistant Professor   *2002–present*
Developed and taught new classes in forensics and information warfare. Lecture, lab, and online instruction for several computer science classes including: networking, operating systems, system administration, web design, programming, and cyber-ethics.

Air Force Institute of Technology   **Dayton, OH**
Adjunct Instructor   *2010–present*
Develop and teach lectures and labs for cyber operations officer professional continuing education. Areas of study include networking, cryptography, forensics, VoIP, operating systems, exploitation, operational planning, intelligence collection, social engineering, and reverse engineering.

Vermont Air National Guard   **Northfield, VT**
Instructor   *2004–present*
Manage and improve advanced distributed learning systems. Develop content production infrastructure. Primary developer of network defense simulation software. Public affairs officer during Small Computer Magazine round-table and national level interviews. Senior controller for DoD-wide cyberspace exercises. Provide aggressor support to Army network operations course. Instructor for MAJCOM-level network defense exercises. Trained as a disaster response liaison officer.

Ellacoya Networks   **Merrimack, NH**
Chief of Security   *2000–2004*
Developed and deployed policies for all aspects of computer and network security for products and internal infrastructure. Managed 2.7 million line code-base. Optimized product builds. Constructed and maintained a web-based distributed build system. Developed network traffic analysis tools. Developed enterprise-wide system administration, configuration management, defect tracking, and backup services.

Lucent Technologies   **Concord, MA**
Software Engineer   *1997–2000*
Supported development tools including: compilers, defect tracking, and version control with ClearCase. Developed and managed web-based services to facilitate development activities and information sharing. Evaluated new tools for use by the engineering staff.

State of Vermont   **Montpelier, VT**
Network Administrator   *1997*
Administered wide area network. Managed UNIX based services. Developed remote management and reporting tools.

News Internet Services   **Lowell, MA**
Senior Systems Engineer   *1995–1997*
Designed and implemented high volume on-line services such as billing, e-mail, chat, and moderated auditoriums. Developed software to provide easy interface to configure and maintain Internet services for support team. Constructed real-world interfaces between the Internet and external services. Wrote documentation for services and tools developed.

Advantis/IBM   **White Plains, NY**
Staff Engineer   *1994–1995*
Designed and implemented custom e-mail system. Lead engineer for the OS/2 Warp Internet mail services. Postmaster for the `ibm.net` domain.

Electronic Learning Facilitators   **Bethesda, MD**
Advisory Engineer   *1992–1994*
Provided solution for the Naval Medical Information Management Center for wide area network communications. Delivered training classes in UNIX, TCP/IP, and the Internet. Managed a team providing technical support to Navy bases world-wide.

Vermont Air National Guard   **Burlington, VT**
Network Administrator   *1991–1993*
Implemented and maintained network services. Sent to other bases and Air National Guard headquarters as a technical advisor. Primary developer and hostmaster of the `ang.af.mil` domain.

United States Air Force   **Montgomery, AL**
Computer Communication Systems Programmer   *1988–1991*
Designed and maintained network services in a UNIX–TCP/IP environment.

Honors & Awards

⊛ (ISC)^2 Government Information Security Leadership Award–Workplace Improvement 2014

⊛ Air Force Commendation Medal (first oak leaf), Jul 2011

⊛ (ISC)^2 Government Information Security Leadership Award–Workplace Improvement 2011

⊛ Army Commendation Medal Jan 2009

⊛ Air Force Commendation Medal Feb 2006

⊛ Network Tacticians Conference Outstanding Contributor May 2006

⊛ Reserve Component Information Operations Airman of the Year 2004

Additional Courses

Public Affairs Qualification Course: 2 months   *Ft Meade, MD*
Instructional Systems Design & Classroom Instructor Course: 3 weeks   *Northfield, VT*
Information Operations Integration Course: 6 weeks   *Hurlburt Field, AFB FL*