

JOHN F. SKODA IV

Work Address

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Home Address

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Skills

- UNIX, Linux, Solaris, AIX
- MacOS, Windows
- TCP/IP networking
- Internet internals
- Configuration management
- Project management
- C, Perl, Java, Ada
- Web site design
- Teaching/Writing

Education

VERMONT COLLEGE OF NORWICH UNIVERSITY
B.A. in Writing and Literature. Montpelier, VT
June 2000

VERMONT COLLEGE UNION INSTITUTE & UNIVERSITY
M.A. in History of Science and Technology. Montpelier, VT
April 2005

Certifications

GIAC Security Essentials Certification June 2007
GIAC Certified Project Management November 2008
GIAC Certified Penetration Tester February 2009
GIAC Certified Forensics Analyst January 2011

Organizations

GIAC GSEC Advisory Board July 2007
Society for Technical Communication May 2007

Experience

AIR FORCE INSTITUTE OF TECHNOLOGY Dayton, OH
May 2010—present Chief of Technology Development
Develop and teach lectures and labs for cyber operations officer professional continuing education. Areas of study include networking, cryptography, forensics, VoIP, cell phone networks, operating system exploitation, military planning, intelligence collection and social engineering.

VERMONT AIR NATIONAL GUARD Northfield, VT
Jan 2004—present Instructor Flight Chief
Design and implement program management infrastructure. Manage and improve advanced distributed learning systems. Develop content production infrastructure. Officer-in-charge of development and on-line instruction of network warfare courses. Senior controller for DoD-wide computer network exercises. Provide aggressor support to Army network operations course. Instructor for MAJCOM-level network defense exercises.

VERMONT TECHNICAL COLLEGE Randolph Center, VT
Aug 2002—present Adjunct Faculty
Deliver traditional and on-line undergraduate instruction. Develop and administer laboratory exercises for the following classes: CIS-1151 Website Development, CIS-2151 Computer Networks, CIS-2230 System Administration, CIS-4020 Advanced Operating Systems, and CIS-4040 Computer Security.

ELLACOYA NETWORKS
May 2000—Jan 2004
Merrimack, NH
Chief of Security / Senior Software Engineer
Developed and deployed policies for all aspects of computer and network security for Ellacoya products and internal infrastructure. Managed a 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
Dec 1997—May 2000
Concord, MA
Software Engineer
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
Apr 1997—Dec 1997
Montpelier, VT
Network Administrator
Administered wide area network. Managed UNIX based services. Developed remote management and reporting tools.

NEWS INTERNET SERVICES
Apr 1995—Apr 1997
Lowell, MA
Senior Systems Engineer
Designed and implemented high volume on-line services such as billing, e-mail, chat rooms 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
Jun 1994—Apr 1995
White Plains, NY
Staff Engineer
Designed and implemented custom electronic messaging systems. Lead engineer for the OS/2 Warp Internet mail service. Postmaster for the `ibm.net` domain.

ELECTRONIC LEARNING FACILITATORS
Jul 1992—Jun 1994
Bethesda, MD
Advisory Engineer
Provided solutions for the Naval Medical Information Management Center for wide area network communications. Delivered training classes in UNIX, TCP/IP and the Internet. Managed an international help desk.

VERMONT AIR NATIONAL GUARD
Dec 1991—Jun 1993
Burlington, VT
Network Administrator
Implemented and maintained network services. Sent to other bases and Air National Guard headquarters as a technical advisor.

UNITED STATES AIR FORCE
Sep 1988—Dec 1991
Montgomery, AL
Designed and maintained network services.