

# KAREN SCARFONE

Scarfone Cybersecurity | 703-879-6709 | [karen@scarfonecybersecurity.com](mailto:karen@scarfonecybersecurity.com) | [scarfonecybersecurity.com](http://scarfonecybersecurity.com)

Karen is dedicated to helping organizations communicate their technical cybersecurity information through written content. A long-time cybersecurity expert and an exceptional author and editor, Karen has supported the National Institute of Standards and Technology (NIST) for the past 20 years. She has co-authored over 100 technical reports and papers for NIST, as well as contributed to many others. In addition, she has published over 200 articles and contributed to 18 cybersecurity books. See her writing portfolio at [scarfonecybersecurity.com](http://scarfonecybersecurity.com) for details on many of her works.

## PROFESSIONAL EXPERIENCE

**Principal Consultant, Scarfone Cybersecurity | 2011-present:** Author/co-author and edit security publications for NIST and NIST's National Cybersecurity Center of Excellence (NCCoE), Internet Corporation for Assigned Names and Numbers (ICANN), TechTarget, Manifest, ELC Information Security, and others.

**Senior Cyber Security Engineer, tapestry technologies | 2014:** Developed and revised cybersecurity publications for the Defense Information Systems Agency (DISA).

**Senior Security Engineer, G2 | 2010-2011:** Co-authored and edited NIST security automation documents.

**Computer Scientist and Senior Computer Scientist, NIST | 2006-2010:** Co-authored and edited technical reports, papers, and articles on system and network security topics. Performed research on vulnerability severity scoring and technical security measures and metrics.

**Associate, Booz Allen Hamilton | 2003-2006:** Co-authored and edited publications for NIST on system and network security. Served as deputy program manager for NIST support. Assisted several agencies with computer security incident response planning.

**Senior Information Security Analyst, EDS | 2002-2003:** Performed real-time, daily and long-term network and host-based intrusion detection analysis.

**Senior Security Engineer, NFR Security | 2000-2002:** Developed intrusion detection signature sets, which included protocol study, vulnerability and exploit research, and signature coding, testing and documenting.

**Prior Experience | 1991-2000:** Various IT-related positions that encompassed technical support, programming, system and network administration, training, and security engineering and administration.

## EDUCATION

**M.S. English (Technical Writing),** Utah State University

**M.S. Computer Science,** University of Idaho

**B.S. Computer Science,** University of Wisconsin-Parkside

## HONORS

**Fed 100 Award** and **Commerce Department Gold Medal and Bronze Medal Awards** for security publication development

---

## EXAMPLES OF TOPIC AREAS

- Cloud computing security
- Configuration management
- Cybersecurity Framework
- Cybersecurity mapping
- Data loss prevention
- Endpoint protection
- General security principles
- Hardware-enabled security
- Identity & access management
- Incident response
- Internet of Things security
- Log management
- Mobile device security
- Patch/update management
- Privacy
- Ransomware
- Risk governance
- Risk management
- Secure software development
- Security automation/SCAP
- Security checklists/baselines
- Security policy development
- Threat detection
- Threat hunting
- Threat intelligence
- Threat modeling
- Vulnerability metrics/CVSS
- Wireless network security
- Work-from-anywhere security
- Zero-trust architecture