

# KAREN SCARFONE

+1-703-203-5903 | [karen.scarfone@gmail.com](mailto:karen.scarfone@gmail.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 supported the National Institute of Standards and Technology (NIST) for over 20 years. She co-authored more than 150 technical reports and papers for NIST, including the Cybersecurity Framework (CSF), the Secure Software Development Framework (SSDF), and the Common Vulnerability Scoring System (CVSS). In addition, she has published hundreds of articles and contributed to 21 cybersecurity books. See her writing portfolio at [scarfonecybersecurity.com](http://scarfonecybersecurity.com).

## PROFESSIONAL EXPERIENCE

**Principal Consultant, Scarfone Cybersecurity | 2011-present:** Authored/co-authored and edited security publications for NIST and NIST's National Cybersecurity Center of Excellence (NCCoE), Internet Corporation for Assigned Names and Numbers (ICANN), Center for Internet Security (CIS), and many others.

**Senior Cyber Security Engineer, tapestry technologies | 2014:** Developed and revised Security Technical Implementation Guides (STIGs) 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. Staffed and acted as technical lead for the National Vulnerability Database (NVD) launch. Assisted agencies with incident response planning.

**Senior Information Security Analyst, EDS | 2002-2003:** Performed 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

- AI and LLM security
- Cloud computing security
- 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
- Security checklists/baselines
- Security policy development
- Threat detection
- Threat hunting
- Threat intelligence
- Threat modeling
- Vulnerability metrics
- Wireless network security
- Work-from-anywhere security
- Zero-trust architecture