

TIMOTHY M. TESTA

CYBERSECURITY GOVERNANCE | PROGRAM LEADERSHIP | WORKFORCE READINESS

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U.S. Navy veteran | Relocating to Thailand January 2027 | Thailand-first; strong-fit APAC opportunities

PROFESSIONAL PROFILE

Operations-trained cybersecurity program builder with eight years of experience across U.S. Navy cyber operations, NSA/U.S. Cyber Command mission support, technical training, and workforce readiness. Brings 2,500+ hours of network and intelligence analysis across 150+ targets, leadership of approximately 80 personnel, and a roughly 60-person qualification program that increased fully qualified staffing by 300%. Connects technical evidence to governance, program execution, and accountable decisions. Current development focus: cybersecurity governance and risk, privacy, AI risk, and analytics-informed decision-making.

SELECTED CAREER IMPACT

- Led and managed approximately 80 personnel across operational, training, readiness, and accountability responsibilities.
- Redesigned a roughly 60-person qualification program that increased fully qualified staffing by 300%.
- Completed 2,500+ hours of network and intelligence analysis across 150+ targets and translated evidence into briefings, recommendations, procedures, and decision support.
- Delivered 2,500+ hours of classroom and on-the-job instruction across government and civilian roles.

CORE EXPERTISE

Governance & AI-risk research: Cybersecurity governance; risk assessment; policy and process analysis; privacy and cyber-law research; responsible technology adoption; NIST CSF 2.0, RMF, and AI RMF applied in graduate research

Program & people leadership: Workforce qualification; technical training; curriculum and assessment improvement; SOP development; stakeholder coordination; leadership briefings; project leadership

Technical analysis & communication: Enterprise network analysis; vulnerability identification; network traffic and log analysis; cyber-operations planning; technical documentation; written, verbal, and visual presentations

PROFESSIONAL EXPERIENCE

Senior Network Analyst Instructor | Oct 2023-May 2025

Jacobs / Amentum | Hanover, MD | Role transitioned with the business-unit separation from Jacobs to Amentum

- Delivered five network-analysis classes and 1,000+ classroom hours to 71 students, including one-on-one tutoring.
- Authored three student resources, improved 100+ instructional slides, and completed quality-control reviews of 10+ tests and quizzes.
- Deployed and managed multi-OS VMware vSphere environments for three classes; organized hardware across three classrooms and 90 desks; resolved 12+ student hardware and software issues.
- Developed a Jira training guide, reported and resolved 55+ course-content issues, and maintained documentation that improved course management and communication.

Senior Exploitation Analyst (Cyber Operations) & Training Manager | Jan 2018-Aug 2023

NSA / U.S. Cyber Command mission support | U.S. Navy assignment | Wahiawa, HI

- Progressed through exploitation analysis, target-network analysis, project leadership, workforce training, and National Cryptologic School instructor responsibilities.
- Completed 2,500+ hours of network and intelligence analysis across 150+ targets by identifying and analyzing device and network vulnerabilities.
- Collaborated with analysts, linguists, developers, technical teams, external mission partners, and senior leaders to address operational gaps and intelligence requirements.
- Managed a qualification and training program for roughly 60 civilian and joint-military personnel, increasing fully qualified staffing by 300%.
- Delivered 1,500+ hours of on-the-job training across tools, tactics, network analysis, policy, and role-specific requirements.
- Led eight virtual iterations of Intro to IT and Basic Networking for 80 students across four states and four time zones, achieving a 100% pass rate.
- Helped pilot and operationalize a new technical capability, provided design feedback, authored three SOPs, and became a subject-matter resource for future use.
- Led a four-person joint-service project team, coordinated cross-organization work, conducted 60+ analytic queries, created project documentation, and trained partner teams.

Cryptologic Technician (Networks) & Department Manager | Apr 2016-Nov 2023

United States Navy | Global assignments | Concurrent military leadership responsibilities

- Completed 7.5 years of honorable service and advanced to Petty Officer First Class (E-6) through meritorious promotion for leadership, training, and mission readiness.
- Led and managed approximately 80 personnel, overseeing tasking, qualification tracking, records accuracy, accountability, workforce development, and operational readiness.
- Maintained 100% accuracy in personnel and qualification records, corrected discrepancies, and coached junior Sailors through technical qualifications and career progression.
- Assumed early leadership as Division Yeoman for 80+ recruits and Duty Section Leader for 50+ Sailors, coordinating appointments, graduation records, watch assignments, training, and accountability.
- Served as administrative lead for Joint Base Pearl Harbor-Hickam Honors and Ceremonies; supported 150+ military honors, trained 30 Sailors over 70 hours, and prepared 50 award and commendation packages.
- Managed training and safety requirements for 55+ personnel and supported three reenlistments totaling more than \$60,000 in bonuses.

PUBLISHED RESEARCH & PUBLIC WORK

Cybersecurity Governance Modernization | Independently published August 2026

An Integrated Approach to Cybersecurity Governance for Organizations with Established Cybersecurity Programs | 17-page public edition | 12 cited sources

- Developed the PAPER operating cycle to connect strategy, evidence, execution, and reassessment in established cybersecurity programs; clearly identified as applied synthesis rather than a new standard or peer-reviewed journal publication.

Professional Research Vault | Independent portfolio project | 2026

- Built a searchable public library of 67 authoritative sources across 10 professional domains, retaining source context, authority classification, and direct links.
- Established source-selection and review practices covering authority, human review, versioning, privacy, and responsible AI-assisted development.

Additional graduate research | University of Maryland Global Campus | 2026

- Analyzed privacy, data-security, and accountability issues through case work involving TransUnion, Meta, SolarWinds, healthcare data, ransomware response, deepfakes, copyright, and emerging-technology risk.

EDUCATION

M.S., Cybersecurity Management and Policy | University of Maryland Global Campus | Expected Dec 2026

Graduate Certificate, Business Analytics | University of Maryland Global Campus | Expected Spring 2027

B.S., Computer Networks and Cybersecurity | University of Maryland Global Campus | Dec 2021

A.A.S., Technical Studies - Computer Technologies | Excelsior College | Jan 2021

PROFESSIONAL & MILITARY EDUCATION

- Joint Cyber Analysis Course (JCAC) | Cryptologic Warfare Training Command | Jan 2017
- CYBR3800: Requirements and Targeting Immersion Program | KeyW | Feb 2019
- EDUC1501: Teaching at NSA | National Cryptologic School | Jan 2020

PROFESSIONAL DEVELOPMENT

ISC2 CISSP examination | Scheduled Sep 28, 2026 | Certification not yet earned

TECHNICAL TOOLKIT

Frameworks applied in graduate research: NIST CSF 2.0; NIST RMF; NIST AI RMF; NIST SP 800-50; NIST SP 800-61

Analysis & security: Enterprise network analysis; vulnerability identification; traffic and log analysis; Nmap; Snort; TCPDump; Wireshark; Splunk; Metasploit; Cisco IOS; Cisco Packet Tracer

Platforms & scripting: Windows; Linux; VMware vSphere; Jupyter; Python; Bash; C++; command-line administration; cloud-computing concepts

Program & collaboration: Jira; Confluence; Microsoft 365; Visio; technical documentation; virtual instruction and collaboration platforms

AWARDS & RECOGNITION

- Joint Service Commendation Medal | Jun 2020
- Navy and Marine Corps Achievement Medal and Flag Letter of Commendation | Dec 2017
- One of six command candidates selected for meritorious advancement to Petty Officer First Class (E-6)