


Brian

Cyber Security Professional

Accomplished technical leader with twenty years of cyber security experience in both the military and civilian sectors. Currently a Cyber Security Risk Manager at NASA; has also held senior information security positions with Northrop Grumman, Leidos, and Lockheed Martin. Served as an instructor at the United States Naval Academy, providing both technical and theoretical instruction in information assurance and cyber security.

Baltimore, Maryland 

CEH #03409049817 

CISSP #359348 

Professional Experience

Cyber Security Risk Manager

2023-Present

NASA

- Provide oversight of Assessment & Authorization, cybersecurity continuous monitoring and risk management activities for all information systems managed by the NASA Mission Network (NASCOM).
- Promote awareness of security issues among management and ensure sound security principles are reflected in the agency's vision and goals.
- Advise senior management (e.g., Chief Information Officer [CIO], Authorizing Official) on risk and security posture.
- Provide input to the Risk Management Framework (RMF) process activities and related documentation (e.g., system security plans, security assessment plans, plans of actions and milestones, concept of operations, and operational procedures).
- Interpret patterns of noncompliance to determine their impact on levels of risk and/or overall effectiveness of the enterprise's cybersecurity program.
- Develop methods to monitor and measure risk, compliance, and assurance efforts.

Principal Cyber Assurance Analyst

2022-2023

Northrop Grumman

- Performed assessments of systems/networks to identify any that deviated from acceptable configurations. Conducted compliance audits and vuln assessments.
- Established strict program control processes to ensure mitigation of risks and support the certification and accreditation of systems and networks.
- Validated established security requirements and required government policies (i.e., NISPOM, DCID 6-3).
- Supported the formal Security Test & Evaluation (ST&E) required by each government accrediting authority through pre-test preparations, test participation, results analysis, and preparation of required reports.
- Documented the results of Certification & Accreditation activities and prepared the System Security Plans (SSP) and Plan of Actions and Milestones (POA&M).

Education & Certifications

Master of Science in Information Assurance

Johns Hopkins University | 2006

Bachelor of Science in Computer Science

Shepherd University | 2003

National Security Telecom/Security (NSTISSI 4011)

National Defense University | 2010

Certified Info Sys Security Professional (CISSP)

ISC2 | #359348

Certified Ethical Hacker (CEH)

EC-Council | #03409049817

Military Experience

Master Cyber Instructor

2013-2016

United States Naval Academy

- Course Coordinator - managed the core cyber security course required for all students at USNA. Led a team of 30 faculty members in delivering the course to 500 students each semester. Developed new course curriculum and managed the course's web/linux/virtual infrastructure.
- Provided technical and academic instruction to 500+ students on all aspects of cyber security, to include Architecture & Operating Systems, Client/Server Hardening, Web Vulnerabilities, Injection Attacks, Encryption/Digital Crypto, and Network Recon & Attack.
- Senior Information Professional (IP) Officer at USNA; conducted IP Officer selection boards and mentored selectees until report date at their first duty command.

United States Navy Reserves

2008-Present

COVID Action Officer | OPNAV | 2021-2022

- Active-Duty Mobilization @ OPNAV - tracking and reporting of Navy COVID cases and vax rates.

Executive Officer | DIA | 2016-2023

- Unit second-in-command, responsible for unit administration and operational readiness.

Cyber Researcher | NCIS | 2011-2013

- Cyber Division Officer—Provide Cyber Intelligence Analysis support for target investigations.

Action Officer | NNWC | 2008-2011

- Provided Information Security/Assurance expertise in support of the NETWARCOM mission.

Professional Experience (con't)

Senior Cyber Intel Analyst

2016-2022

Leidos

- Supported and coordinated DISA's Host Based Security System (HBSS) command and control operations. Configured/tuned global HBSS ePO reporting servers.
- Analyzed results of Intrusion Assessments/Penetration Tests to incorporate into DISA Defensive Cyber Operations (DCO) corrective actions and/or future mitigation strategies.
- Conducted the DoD Cybersecurity Service Provider (CSSP) evaluation and validation process on behalf of DISA's service components, leading to a successful inspection and adjudication of the CSSP program.
- Developed/released orders in support of cyber ops on the Defense Information System Network (DISN).
- Briefed senior leadership on existing security posture and defensive cyber recommendations.
- Issue orders in support of Defensive Cyber Operations (DCO) of the DoD Information Network (DODIN).

Lead Information Security Engineer

2010-2012

SafeNet

- Managed the company's enterprise technical security solutions: global system patching, enterprise anti-virus, internal & external vuln scanning, and log management.
- Managed the company's LogRhythm SIEM log correlation system for alerting and forensic analysis.
- Developed the company's internal security policies, directives, and standards (NIST/DoD). Disseminated all information security policies, notices, and alerts to the SafeNet end user community.
- Developed and delivered information security awareness training program to SafeNet employees.
- Designated Information Systems Security Manager (ISSM) for SafeNet's cleared DoD spaces.
- Presented recommendations and findings to SafeNet senior executive management.

Information Assurance Engineer

2010-2012

Lockheed Martin

- Conducted network architecture vulnerability analysis for Lockheed Martin's extranet environments.
- Assessed overall compliance with both corporate and federal policies and procedures.
- Designated Approver (DA) for external network connections to the Lockheed Martin intranet.
- Conducted risk/vulnerability assessments and security audits and implemented resulting mitigations.

Teaching Experience

Adjunct Professor

2016-Present

Howard Community College

- Instruct two undergraduate courses: Intro to Network Security / Ethical Hacking & Cyber Defense.
- Develop syllabi, materials, assignments, hands-on labs, and course assessments.
- Deliver real-world technical demonstrations utilizing tools, techniques, and tactics (TTPs) currently available to Ethical Hackers.
- Utilize Canvas, TestOut, and other web-based technologies for virtual and hybrid instruction.
- Mentor students and provide professional guidance.

Volunteer Work



Alpine Ski Patroller

2006-Present

National Ski Patrol

- Provide emergency first aid and transport to injured skiers & snowboarders.
- Outdoor Emergency Care (OEC)/CPR Certified.
- Liberty Ski Patrol Board Member: 2007-2010, 2020-Present



Holocaust Research Assistant

2006-2009

American Red Cross

- Attempt to locate and reunite still-living victims of the Holocaust with their relatives.

Applications | Frameworks | Skills

SANS SEC560

Penetration Testing & Ethical Hacking

Windows/Linux (Kali)

Snort

Nessus

NMAP

HBSS/McAfee ePO Suite

NeXpose

WireShark

LogRhythm SIEM

RMF/DIACAP

COOP Planning

NIST 800 Series

DISA STIGs

SharePoint