Bradley Owen Smith

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PROFESSIONAL SUMMARY

Highly analytical U.S. Army Cyber Operations Specialist and leader (TS-SCI) actively transitioning into a full-time cybersecurity career. Expertise in digital forensics, vulnerability analysis, and full-spectrum cyber operations. Holds GCIH, GSEC, and GFACT certifications while pursuing a SANS Technology Institute BACS. Applies 8+ years of mission-critical experience in strategic planning and incident response to mitigate complex security threats.

EDUCATION

Bachelor's Degree in Applied Cybersecurity (BACS)   Expected April 2027
SANS Technology Institute   Bethesda, MD - Online
- Key Achievements: Passed GFACT, GSEC, and GCIH certifications. Currently completing the 3001 Professional Portfolio course.
- Relevant Coursework: Foundational Cybersecurity Technologies (GFACT), Enterprise Security Infrastructure (GSEC), Incident Handling and Response (GCIH), Network Security, Digital Forensics, Programming and Coding, and Cybersecurity Professional Portfolio Development.

Associate of Applied Science in Respiratory Therapy   May 2023
Dalton State College (DSC)   Dalton, GA
- Relevant Coursework: Patient Assessment and Protocols, Cardiopulmonary Pharmacology, Anatomy, Physiology, Disease, and Treatment, Mechanical Ventilation, and four semesters of Clinical Practicum.

CERTIFICATIONS & TRAINING

Certifications: GIAC Certified Incident Handler (GCIH) | GIAC Security Essentials Certification (GSEC) | GIAC Foundational Cybersecurity Technologies (GFACT) | CompTIA A+ CE
Licensures & Training: Registered Respiratory Therapist | ECMO Specialist | BLS & ALS, American Health Association | OSHA-10

COMPETENCIES & SKILLS

Cybersecurity Technical Skills: Incident Response, Enterprise and Network Security, Password Cracking, Open Source Intelligence (OSINT), Threat Intelligence, Risk Assessment, Vulnerability Analysis, Digital Forensics, Penetration Testing
Platforms and Tools: SIEM (Security Onion), pfSense, Kali/Parrot OS, Windows Server 2022/2019, SQL, EPIC EMR, Hashcat, Metasploit, Nmap, Wireshark, Snort/Zeek, Elastic, Netcat, tcpdump, Eyewitness, Volatility
Core Competencies: Analytical Thinking, Strategic Planning, Self-Direction, Initiative, Leadership, Training, Compliance, Attention to Detail, Time Management, Problem Solving, Communication, Teamwork, Creativity, Adaptability

CYBER PROJECTS AND ENGAGEMENTS

National Cyber League (NCL) Fall 2025 | Team and Individual Games
- **Team Game:** Achieved a Top 2% ranking (74th out of 4,214 teams) in the Standard Bracket, demonstrating advanced team-based problem-solving and collaboration. | Secured 100% accuracy and perfect scores in high-value modules including Forensics (300/300 points) and Scanning & Reconnaissance (300/300 points). | Attained 100% accuracy in Cryptography and Web Application Exploitation challenges.
- **Individual Game:** Placed in the Top 10% (772nd out of 7,869 competitors) in the Standard Bracket, showcasing strong individual technical skills under pressure. | Maintained 100% accuracy while completing the majority of Password Cracking challenges (260/360 points).

Enterprise Security Monitoring Homelab
- Engineered a multi-OS virtualized enterprise environment, including Windows Server 2019/2022 (with SQL database), Windows 11 Enterprise, and client machines running Ubuntu Linux, for comprehensive attack simulation and defense.
- Segmented the network using a pfSense firewall to enforce access control lists (ACLs) between the production and database zones, simulating real-world security architecture.

- Deployed and configured Security Onion (SIEM/IDS) on a dedicated VM, integrating logs from servers and the pfSense firewall to establish centralized monitoring and threat detection capabilities.
- Executed offensive security and reconnaissance scenarios using Kali Linux and Parrot OS VMs against the domain, analyzing resulting alerts and forensic data within Security Onion to validate log ingestion and rule efficacy.

EXPERIENCE

Adult Respiratory Care Educator   October 2025 – Present
Erlanger Health System   Chattanooga, TN
- Developed and implemented comprehensive training and competency verification programs for Respiratory and Nursing staff, ensuring adherence to clinical standards and procedural best practices.
- Led the continuous assessment, planning, and evaluation cycles for respiratory care protocols, working closely with the Medical Director, Clinical Coordinator and Respiratory Director to implement new care standards.
- Engage with the Adult ECMO and Critical Care Teams, ensuring sufficient bedside care time is maintained to retain advanced skills and train new therapists on each team.
- Designed and presented educational programs to a wide multidisciplinary audience, including nursing staff, physicians, residents, fellows, physical and occupational therapists (PT/OT), pharmacy, speech therapy, and other critical care teams, facilitating interdepartmental knowledge sharing and compliance.

Cyber Operations Specialist   June 2024 – Present
US Army Reserves
- Conduct full-spectrum cyber operations, including offensive and defensive measures, to protect critical networks and systems against sophisticated threats.
- Utilize advanced tools and techniques for network exploitation, vulnerability analysis, and digital forensics to identify and neutralize adversarial activities.
- Develop and execute strategic cyber plans in a team environment, resulting in enhanced security posture and mission readiness.
- Maintain Top Secret-Secret Compartmentalized Information security clearance and adhere to stringent protocols to handle classified information and sensitive operations.

Registered Respiratory Therapist, ECMO Specialist, Team Lead   June 2023 – October 2025
Erlanger Health System   Chattanooga, TN
- Supervised and coordinated the daily shift activities of Respiratory Therapists, including distribution of work assignments and flex staffing according to workloads.
- Contributed to continuous quality improvement initiatives within the Respiratory Care Department, emphasizing advanced critical care, ECMO, and general floor care.
- Assumed responsibility for staff direction within areas of specialty, assisting with employee counseling/discipline, and maintaining attendance records.
- Demonstrated a high level of initiative, self-direction, and the ability to maintain composure and function effectively in high-stress, critical care environments.

Combat Medic Specialist   March 2017 – February 2023
U.S. Army   Georgia National Guard
- Deployed to Afghanistan in support of Operation Sentinel Freedom, consistently demonstrating the ability to function effectively under ambiguity and high-stress conditions.
- Led massive blood transfusions using a Belmont Blood Infuser and trained replacement units, demonstrating technical expertise and critical operational leadership in high-casualty situations.
- Executed complex patient management and logistical support across over 50 trauma cases with Forward Surgical Teams (FSTs), ensuring rapid and compliant execution of surgical support protocols.
- Assisted surgeons with complex, high-pressure procedures, including amputations, wound care, and specialized orthopedic brace placements, requiring extreme attention to detail and procedural accuracy.