

Stuart R Topp

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EDUCATION

Master of Science in Operations Research August 2023 – December 2024
Georgia Institute of Technology (Atlanta, GA)

Bachelor of Science in Operations Research with Honors June 2010 – May 2014
Minor in Terrorism Studies
United States Military Academy (West Point, NY)

EXPERIENCE

Research Associate November 2023 – Present
Georgia Tech Financial Services Innovation Lab (Atlanta, GA/Hybrid)

- Researches human-machine collaborative knowledge curation funded by DARPA.
- Leads the development of train/test scenarios and evaluation criteria for large language model (LLM) and GraphRAG systems.
- Advises on intelligence analysis methods and analytic standards.
- Edits technical documentation and client reports tailored to stakeholder needs.

Instructor October 2022 – October 2024
ThriveDX/HackerUSA (Remote)

- Instructed cybersecurity professional certificate programs for University of Chicago, New York University, University of Wisconsin—Madison, and other top 100 national universities.
- Mentored cohorts of 20+ students and achieved a 95% retention rate.
- Delivered courses on computer networking and security; Microsoft, Unix/Linux, and cloud infrastructure design, administration, and security; social engineering and ethical hacking; digital forensics and incident response; and threat hunting and cyber intelligence.

Cyber Warfare Officer January 2016 – November 2023
United States Army (Fort Eisenhower [Gordon], GA; Paris, France)

- Directed multi-disciplinary teams (3 to 55+ personnel) conducting offensive cyberspace and intelligence operations.
- Served in key operational and technical leadership positions: Combat Mission Team Leader, Combat Support Team Leader, Operations Officer, Mission Commander, Cyberspace Planner, and Capability/Tool Developer.
- Planned and executed 300+ tactical operations across 10+ campaigns; achieved critical national security, military, and intelligence objectives.
- Delivered real-time cyberspace effects in support of ground combat operations.
- Coordinated, integrated, and synchronized operations and intelligence between coalition nations, Joint Interagency Task Forces (JIATF), Intelligence Community, Department of Defense, Combatant Commands, Joint Force Headquarters, and adjacent teams.
- Managed team mission planning and intelligence operations; delivered mission reports to customers and stakeholders.
- Integrated into a foreign partner's Cyber Command headquarters and conducted joint cyberspace operations planning.
- Developed new joint operational frameworks; achieved multilateral strategic objectives.

- Created and maintained operational risk management policies, standard operating procedures, checklists, and working aids for enterprise use.
- Established a professional development program to share risk management best practices across the enterprise.
- Coached, trained, and mentored junior leaders on cyberspace operations, leadership, and the Army profession.
- Developed and maintained U.S. Cyber Command curriculum and qualification standards and instructed training programs.
- Trained, evaluated, and certified personnel to perform U.S. Cyber Command and U.S. Army Cyber Command work roles and conduct offensive cyberspace and intelligence operations.

Military Intelligence Officer

May 2014 – December 2015

United States Army (Fort Huachuca, AZ; Fort Stewart, GA)

- Led a ten-person team responsible for providing timely and accurate intelligence analysis and products to stakeholders and decision makers.
- Managed security operations for millions of dollars of sensitive military arms and equipment and over 650 personnel; responsible for \$705K of military equipment and intelligence systems.
- Supervised real-time production of intelligence and analyst products to support operations.
- Coordinated and integrated strategic assets to fill key intelligence collection gaps.
- Created product templates and standards adopted by multiple external organizations.
- Developed a database to manage all collection requirements and tasks.

CERTIFICATIONS/QUALIFICATIONS

- TS//SCI security clearance (since 2014)
- Industrial Engineer Intern #4769, Delaware Association of Professional Engineers
- Certified Business Continuity Professional (CBCP) #98470

SKILLS

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| - Python and R programming languages | - Project management |
| - Systems modeling | - Technical documentation (writing/editing) |
| - Requirements analysis | |