

Joshua D. Green, CISSP
Dayton, OH

SUMMARY

- Cybersecurity Engineer with expertise in Risk Management Framework (RMF) process
- Proficient in Anti-Tamper (AT) systems engineering, focusing on protection of Critical Program Information (CPI) in US Weapons Systems.
- Retired Lieutenant Colonel with 20+ years' experience in the US Air Force (USAF)
- Served as: Communications Engineer | Commander | Cyber Ops Officer | Instructor | Staff Officer
- As Director of Operations for Tech startup, led virtual teams with members around world
- Crafted and instructed graduate courses including Command & Control, Systems Analysis, Electrical Engineering, and Database Design.
- Holds Top Secret SCI and Special Access Program (SAP) Clearances
- Certified Information Systems Security Professional (CISSP), Certification Number: 578301
- Adept at collaboration, planning, navigating complex bureaucracies, staff work, and execution.

KEY QUALIFICATIONS

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|---------------------------|------------------------------|--------------------------------|
| • Leadership / Management | • Top Secret Clearance | • Project Management |
| • Team Builder | • Special Access Programs | • Teaching/Instructor/Training |
| • Critical Thinking | • Cyber Operations | • Systems Analysis and Design |
| • Electrical Engineering | • Communication Skills | • Business Intelligence |
| • Cybersecurity | • Anti-Tamper (AT) Expertise | • Eagle Scout, Certified Adult |

PROFESSIONAL EXPERIENCE

Business Technology & Solutions, Inc. (BTAS) June 2019 - Present
Avionics System Integrity Engineer, F-16 Foreign Military Sales (FMS)

- Supports the development and implementation of aircraft level system integrity plans, programs, and capabilities for complex FMS F-16 avionics systems for 12 nations.

University of Dayton (UD) August 2022 – Present
Adjunct Instructor, Part-Time Faculty, Department of MIS, OSC, and Business Analytics

- Instructs courses in Computer Networks and Internet Security for undergraduate seniors and masters students.

Applied Research Solutions (ARS) August 2018 – May 2019
Wright-Patterson Air Force Base (WPAFB), OH
Cyber Professional (Senior), Cyber Resiliency Office for Weapon Systems (CROWS)

- Supported CROWS in the Acquisition Support Team with technical security activities such as software code reviews, vulnerability assessments, Program Protection Plans, personnel, physical, industrial, and communications security, resiliency controls, and threat scenarios.

Odyssey Systems**July 2016 – August 2018****Wright-Patterson Air Force Base (WPAFB), OH****Senior Cybersecurity Engineer, Air Force Life Cycle Management Center (AFLCMC) F-15 Division**

- Identified cybersecurity risks using Risk Management Framework (RMF) for Special Access Programs (SAP) by evaluating cyber threats/vulnerabilities to a system's Confidentiality, Integrity, & Availability

Purism Inc.**March 2015 – March 2016****Carmel, CA****Director of Operations**

- Directed operations for a startup producing high-end laptops and led two successful crowdfunding campaigns, raising over \$950,000.

U.S. Air Force**May 1995 - August 2015****Cyber Operations Officer (retiring as Lieutenant Colonel)****Career Highlights:**

- *Military Associate Professor*: Developed and taught 13 graduate-level courses on Command & Control, Systems Analysis & Design, and Electrical, Communications, Systems, and Databases Engineering
- *Systems Officer, Joint Operations Center (JOC)*: Provided senior management with detailed, real time information used to make critical decisions affecting US Foreign Policy at the national level
- *Chief, Intelligence Systems Branch*: Coordinated complex installation of “Fusion Cells” bringing together all elements of the US intelligence community. Was credited by General Petraeus as critical to the success of the “The Surge”
- *Commander, Information Systems Flight*: Led 115 people in five different departments, managing \$9 million worth of network equipment, oversaw a \$260,000 budget, supporting two computer networks with 5,000 users
- *Systems Telecommunications Engineering Manager*: Planned and installed over 15 critical communications systems to include telephone systems, computer networks, satellite systems, and microwave systems

EDUCATION

Air Force Institute of Technology (AFIT) - Wright-Patterson Air Force Base in Dayton, OH

MS - Electrical Engineering

Rensselaer Polytechnic Institute (RPI) - Troy, NY

BS - Electrical Engineering

VOLUNTEER ACTIVITIES

- Leader in Boy Scouts of America (BSA) as Area District Commissioner, Scout Master for the National Youth Leadership Training summer camp in Virginia and Germany, and as a Troop Committee Member
- Member of the Oakwood Rotary Club. Runs organization's web site and manages A/V requirements
- Board member on the Oakwood Inclusion Coalition, which promotes and celebrates an inclusive, equitable, diverse, and welcoming environment and community for everyone in Oakwood
- Moderator for Braver Angles. Run workshops to bridge the partisan divide and strengthen the American democratic republic.