

Christopher Brown

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PROGRAM MANAGEMENT | CLOUD & AI | CYBERSECURITY

Career Summary and Objective

Senior Program Manager and Cybersecurity Leader with 15 years of experience delivering high-impact, mission-critical programs across enterprise, defense, and federal environments including leading \$4.5B portfolio (5500 people) at the Pentagon and leading 700 personnel as the Director of Operations. Combines expertise in cloud security architecture, offensive cyber strategy, Zero Trust implementation, and AI-driven automation with strategic leadership in technical program management, policy development, and digital transformation. Proven record of enhancing compliance, accelerating delivery, and scaling secure, resilient systems. Active TS/SCI CI Poly clearance w/ CISSP, PMP, OSCP and AWS/GCP/Azure cloud certs. Creator of cybersecurity tools such as <https://PentestAutomator.com>. Seeking impactful roles in cybersecurity leadership, cloud consulting, or technical program management.

Skills

- Cloud Security Architecture
- Risk and Compliance (RMF, NIST, CMMC)
- Zero Trust Framework
- AI and Threat Detection
- Penetration Testing
- Vulnerability Management
- Identity and Access Management
- DevSecOps Integration
- Data Protection
- Security Governance
- Network Security
- Compliance Auditing
- Automation and Monitoring
- Cyber Workforce Development

Project Management: Project Chartering, Cost-Benefit Analysis, Stakeholder Management, Agile/SCRUM

Cybersecurity Leadership: Offensive Cyber Strategy, Cloud Security, Pentesting Oversight, Zero Trust

Business Strategy: Market/Customer/Competition Analysis, SWOT analysis, Business Development

Cybersecurity: Cloud, Pentesting, Kali Linux, Metasploit, Burp Suite, Nessus, Active Directory, Red & Blue Team

Technical Lab: AWS/Cloud Servers, Active Directory, Docker, [Pentest Automator](https://PentestAutomator.com), Local AI LLM (Gemma)

AI-Augmented Software Development: Prompt Engineering, Tools - Claude Code, Augment Code, Cursor, Copilot

Certifications

Security: Certified Information Systems Security Professional ([CISSP](#)) | CompTIA Security+ | Net+ | Linux+ | CySA+

Penetration Testing: Offensive Security Certified Professional ([OSCP](#)) | Practical Network Penetration Tester ([PNPT](#)) | Certified Penetration Testing Specialist from Hack the Box ([CPTS](#))

Cloud: ([AWS](#)) Solutions Architect – Associate | Google Professional Cloud Architect ([GCP](#)) | Microsoft Certified: AI Engineer ([AI-102](#)) | AI Fundamentals ([AI-900](#)) | Azure Fundamentals ([AZ-900](#))

Project Management: Project Management Professional ([PMP](#)) | Professional Scrum Master I (PSM I)

Experience

Microsoft | *Technical Program Manager*

Aug 2025 - Present

- Ensured secure deployments of 1K compliant apps with DoD RMF/ATO standards by coordinating security reviews
- Aligned product delivery with government mission needs by partnering with engineering teams and stakeholders to integrate secure-by-design practices
- Reduced time-to-review by 25% - created first AI-enabled security automation tool & AI agent for app security tm
- Authored agentic roadmap aligned to CEO priorities of AI-First, PoC developed w/ in 48 hrs, AI agent w/ in 72 hrs

Special Operations Command | *Director of Operations*

Feb 2023 - Present

- Led 620+ stand-ups and 320+ sprints for 6 cross-functional teams, improving delivery velocity by 15% on a \$23M budget
- Generated \$4.5M in recurring annual savings through ERP modernization and workflow automation across 7 units (750 personnel)
- Coordinated cybersecurity operations with 12 interagency/intelligence stakeholders, aligning 32 mission concepts and rewriting 2 enterprise SOPs

- Designed and led a weeklong cyber training program covering AI, Linux, penetration testing, steganography, and malware analysis for 24 experts
- Created and maintained a home-based lab used for secure experimentation in cloud, adversarial simulation, and local LLM integration

Pentagon | Senior Program Manager

Nov 2018 - Aug 2021

- Co-led the design and implementation of the Air Forces first cyber special operations forces integrating offensive cyber into U.S. defense strategy
- Ensured 100% audit compliance by overseeing 27 cybersecurity policy manuals for 9 global organizations and 5,100+ personnel
- Directed \$4B+ in budgetary planning and long-term defense programming across a 5-year FYDP
- Unified 6,400 personnel and \$184M under a single Air Force Special Warfare enterprise governance structure
- Served as CEO and CVP level advisor (4 and 1 star Generals), managed \$100K budget and mentoring 26 joint staff

3rd Air Support Operations Group | Assistant of Director of Operations

Apr 2017 - Oct 2018

- Modernized 36 concurrent programs, reducing overall costs by 45% and improving audit-readiness across 7 orgs
- Managed a \$2.7M IT/cybersecurity budget, supporting 1,200 personnel with upgraded secure systems
- Designed and stood up a new 100-person unit, enhancing mission readiness for 850 Airmen
- Implemented standardized governance and compliance reporting aligned with RMF and NIST standards

Special Operations Command | Operations Manager

Apr 2014 - Mar 2017

- Led a \$1.5M multinational readiness exercise involving 22 units, 53 operators, and 19 aircrew, improving joint mission synchronization
- Increased Officer manning by 35%, allowed org flexibility for surge deployment by creating/implementing regional recruiting gameplan
- Researched and deployed tactical cyber hardware (drones, IoT, edge computing), enhancing real-time situational awareness
- Deployed Raspberry Pi-based edge computing kits for operational missions, improving cyber situational awareness in contested environments
- Maintained a 100% safety record across 45 training events and 8 major exercises
- Recovered \$3.2M (21% cost reduction) by auditing and optimizing a \$16M supply/equipment program

Technical Interests & Applied Experience

- **PentestAutomator:** Custom-built AI-enhanced penetration testing tool with integrated Python (FastAPI/pandas) and TypeScript/Node.js services automating 6K scans across web, internal, and cloud apps. Reduces analyst workload and speeds compliance checks at <https://pentestautomator.com>
- **Cyber Lab Architect:** Architected personal cyber lab replicating enterprise environments using AWS servers, Active Directory, Kali Linux, Docker, Metasploit, Burp Suite, Nessus, and Gemma LLM
- **Prompt Engineering + AI DevSecOps:** Leveraging Claude, Cursor, GitHub Copilot, and Augment Code to automate threat modeling, recon, and vulnerability chaining
- **Azure AI Demo:** Built and deployed a live AI inference pipeline on Azure: <https://chrisbrownazureaidemo.eastus2.cloudapp.azure.com>
- **Offensive/Defensive Experimentation:** Simulate purple team ops in isolated environments; experiment with credential reuse attacks, shadow admin escalation, and AI-enhanced OSINT tools

Education

Master of Arts, Communication - George Mason University

Master of Business Administration, IT Management - Trident University

Bachelor of Arts, Information Technology Systems - American Public University