MARTIN TOPP

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EDUCATION

Indiana Institute of Technology, Fort Wayne, IN   *Expected* May 2027
Honors Bachelor of Science in Cybersecurity, Honors Bachelor of Arts and Sciences in Criminal Justice
  Dean's List - All Semesters
  Cybersecurity Competitions: Top 6 Nation Wide Team CCDC (State & Regional Champions), CPTC, NCAE (MVP), NCL, Lockdown

TECHNICAL EXPERIENCE & PROJECTS

ClassCloud | *classcloud.itcw.org*   Nov 2025 - Present
- Developed and deployed a VM provisioning and management platform across AWS and Proxmox, serving 500+ students.
- Built secure browser-based access with enterprise SSO and Microsoft OAuth, eliminating local setup or VPN dependency.
- Implemented scalable course-level automation, bulk provisioning, real-time monitoring, and hardened security controls.

Local Training and Deployment of AI Models   September 2025
- Built a local AI system trained on Indiana Tech's public site, catalog, and Cyber Warriors docs, enabling real-time student Q&A on degrees, coursework, and team knowledge.
- Developed scraping, cleaning, and indexing pipeline; deployed searchable knowledge base for competition prep.

Cybersecurity Competitions   Oct 2024 – Present
- Secure 5+ enterprise systems in CCDC, NCAE, UBuff Lockdown, and NCL, implementing firewall rules, and DNS security.
- Strengthen 10+ Windows/Linux servers, reducing unauthorized access by 80%.
- Lead incident response exercises, improving team reaction time by 40%.

Windows Lab Environment   Jan 2025 – Present
- Manage 6+ Windows servers, deploying Active Directory, NTP, and RDS.
- Design 30+ Group Policy Objects for security compliance, including LDAP and Active Directory hardening.
- Configure remote access protocols, ensuring secure administrative control.

WORK EXPERIENCE

Security Analyst, Fort Wayne, IN   Jan 2026 - Present
Indiana Cyber Network
- Conduct hands-on security assessments and adversary-focused analysis within regulated client environments.
- Identify, analyze, and validate security weaknesses through event investigation and attack-path analysis, escalating risks.
- Operate within Governance, Risk, and Compliance requirements while handling sensitive data and security testing.

Program Developer & Digital Literacy Educator, Fort Wayne, IN   Oct 2025 - Present
Ball Venture Grant – Digital Empowerment for Seniors
- Developed and delivered hybrid training sessions for seniors on technology basics and cybersecurity awareness.
- Built an AI-powered platform to personalize learning, track progress, and provide ongoing digital support.
- Increased participants in digital confidence and engagement by teaching safe online practices and social connectivity tools.

Datacenter Engineer, Fort Wayne, IN   Aug 2025 - Present
Talwar College of Computer Science - Indiana Institute of Technology
- Operate and maintain enterprise datacenter infrastructure supporting academic and cybersecurity lab environments.
- Deploy and configure Dell servers and Cisco networking equipment to support segmented lab and production networks.
- Configure and support virtualization platforms for scalable VM workloads across instructional and research environments.

Resident Assistant, Fort Wayne, IN   Mar 2025 - Present
Indiana Institute of Technology
- Facilitate a supportive and inclusive living environment for 32 residents.
- Organize monthly events focused on academic support, career growth, and campus engagement.
- Enforce university policies, reducing incidents of misconduct by 25% in assigned residence hall.

Windows Specialty Lead & Offensive Security Specialist, Fort Wayne, IN   Oct 2024 - Present
Indiana Tech Cyber Warriors
- Lead weekly Windows security training, improving team proficiency in Active Directory, GPOs, and system hardening.
- Maintain and update specialty onboarding guides and SOPs, ensuring standardized training for incident responses.
- Conduct monthly cybersecurity drills and Red/Blue team exercises, reducing incident response time by 40%.

IT Service Agent, Fort Wayne, IN   Sep 2024 – Jan 2026
Indiana Institute of Technology
- Resolve 100+ IT tickets monthly, troubleshooting network, software, MFA, SSO, Microsoft Office, and hardware issues.
- Assist in deploying and maintaining campus-wide IT infrastructure for 1,500+ students and faculty.
- Reduce system downtime by 30% through monitoring and rapid response.

SKILLS, LEADERSHIP, HONORS & AWARDS

- Frameworks: Red Team Operations, Adversary Emulation, Incident Response, Attack Path Analysis, System Hardening
- Enterprise Security: Active Directory, Group Policy (GPO), DNS, RDS, LDAP Hardening, Privileged Access Controls
- Programming & Scripting: HTML/CSS, Wordpress, Python, Bash, Java, Automation for Security Operations
- Infrastructure & Platforms: Windows Server, Linux, Virtualized Environments, Enterprise Networking
- Emerging Tech: AI-Assisted Security Analysis, OpenAI Prompt Engineering for Automation and Knowledge Systems
- Honors: Indiana Tech Honors Program, Dean's List (All Semesters), NHS, Student Government President
- Orgs: Indiana Tech Cyber Warriors, Association for Computing Machinery (ACM), ColorStack