

# 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*

GPA 3.8, Dean's List - All Semesters

Cybersecurity Competitions: Top 6 Nation Wide Team CCDC (State & Regional Champions), CPTC, NCAE (MVP), NCL, Lockdown

## TECHNICAL EXPERIENCE & PROJECTS

### 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.

### Data Center Build & Deployment

August 2025

- Delivered massive compute and storage capacity for course-integrated student VMs and Cybersecurity Club environments.
- Designed and deployed a Proxmox cluster with Active Directory and LDAPs authentication for secure student access.
- Configured and hardened Cisco/MikroTik networking to support high-availability links into the university datacenter.

### Linux Terminal Scoring Engine

Mar 2025

- Designed a lightweight, Python-based engine to monitor SSH, Web, DNS, and FTP services, automating uptime tracking.
- Developed a cloud-optimized terminal interface and CSV-based logging system, improving service monitoring efficiency by 30% within a Virtual Private Cloud environment such as AWS or Azure.

### 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

**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.

**Resident Assistant**, Fort Wayne, IN

Mar 2025 - Present

*Indiana Tech*

- 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 - Present

*Indiana Tech*

- 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

- Languages & Tools: Python, Java, Bash, Active Directory, GPO, DNS, RDS, HTML/CSS3, WordPress
- Frameworks/Concepts: Red Teaming, Incident Response, System Hardening, Network Security, OpenAI Prompt Engineering
- Honors: Indiana Tech Honors Program • Dean's List • NHS • Student Government President
- Orgs: Association for Computing Machinery (ACM), Indiana Tech Cyber Warriors, ColorStack