

Ryan Tagen

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[LinkedIn](#)

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EDUCATION

Rochester Institute of Technology

Rochester, NY

Bachelor's and Master's of Science in Cybersecurity

Expected May 2028

GPA: 3.81 • Honors Program • Dean's List Fall 2024, Spring 2025

WORK EXPERIENCE

Information Technology Intern, North Kingstown School District Jun 2021 – Aug 2021

- Reimaged and deployed 100+ computers with secure configurations for the academic year

COMPETITIONS

Incident Response Security Competition (IRSEC)

Fall 2024, 2025

- Prepared 5 minute scripts for config backups, validating bash files, and finding suspicious users
- Hardened Windows/Linux systems via group policies and firewall rules against simulated attacks

Cyber Operations Remediation Assessment (CORA)

Fall 2024

- Used Nmap, Metasploit, and manual enumeration to detect and remediate vulnerable services

College Cyber Defense Competition (CCDC) Tryouts

Fall 2024, 2025

- Participated in simulated enterprise-level cyber attacks to develop blue-team defense skills

Capture the Flag Competitions

Fall 2024

- CSAW, Patriot CTF, Buckeye CTF; 83rd percentile in NCL Enumeration and Exploitation

CLUBS & ORGANIZATIONS

RITSEC Cybersecurity Club

Sep 2024 – Present

- Active in the Capture the Flag and Vulnerability Assessment groups
- Attend weekly meetings and workshops to stay current on cybersecurity tools and threats

RIT Alpine Ski Team — Secretary

Sep 2024 – Present

- Manage membership records and administrative paperwork for 50+ member team

RIT Chinese Conversation Table — Treasurer

Sep 2024 – Present

- Manage club finances, budget reports, and fundraising to comply with RIT financial policies

PERSONAL PROJECTS

Static Website Deployment with Terraform

Oct 2025

- Provisioned modular, version-controlled static web hosting using infrastructure as code
- Deployed optimized assets for a consistent, reliable user experience and repeatable builds

Network Intrusion Monitor Script

Oct 2025

- Python/Scapy script to detect port scans, brute force attempts, and suspicious DNS activity

Website Development

Aug 2025

- Developed Svelte-based webpages for student organizations with Google service integration

Plover Plugin Development

Dec 2025

- Developed a Plover plugin that provides powerful stroke history management and repetition capabilities for hobbyist stenography (machine shorthand), increasing speeds through reducing strokes

SKILLS

Languages: Python, Java, C, C++, Svelte, x86 Assembly

Tools: Wireshark, Nmap, Scapy, Git, PuTTY, Terraform, Wazuh, MySQL

Platforms: Windows, Linux (Ubuntu, Rocky, Kali), WireShark, VMWare Workstation Pro, pfSense