

DREW YOUNG STUDENT

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🌐 drew-young

A computing security student focused on penetration testing, red teaming, and offensive security.

Skills

LANGUAGES

Python
Java
KQL
Bash
Powershell
Rust
C
ASM

TOOLS

Wireshark
Nmap
Sentinel
Crowdstrike
Ansible
Terraform
Burp Suite
AWS
Cobalt Strike
Mythic
C3
Mailgun
BloodHound
Impacket
Nessus

CERTIFICATIONS

GCP Digital Leader

OPERATING SYSTEMS

Windows 10
MacOS
Kali
Ubuntu
pfSense

COMPETITIONS

Incident Response Security Competition (IRSeC) - 2021 (Blue Team)

University of Buffalo Lockdown (UB Lockdown) - 2022 (Blue Team)

Information Security Talent Search Competition (ISTS) - 2022 (Purple Team)

University of Buffalo Lockdown (UB Lockdown) - 2022 (Red Team)

Incident Response Security Competition (IRSeC) - 2022 (RedTeam)

Information Security Talent Search Competition (ISTS) - 2023 (BlackTeam)

Collegiate Cyber Defense Competition (CCDC) - 2023 (Blue Team)

Incident Response Security Competition (IRSeC) - 2023 (Black/Red Team - Infrastructure Lead)

Information Security Talent Search Competition (ISTS) - 2024 (Black Team - Infrastructure Lead)

Collegiate Cyber Defense Competition (CCDC) - 2024 (Blue Team)

Cyber Operations Remediation Assessment (CORA) - 2024 (Black Team - Infrastructure Lead)

Education

Rochester Institute of Technology

B.S. Computing Security, May 2025
Minor Criminal Justice, May 2025

Current GPA: 3.87

Dean's List (Fall 2021, Spring 2022, Spring 2023, Fall 2023)

Aug. 2021 to Current

Employment

Security Risk Advisors

Advisory Red Consultant (Co-op)

- Perform external/internal penetration tests and other offensive security engagements for various companies across multiple industries
- Generate reports with specified observations and recommendations for clients
- Created script to automatically stand up infrastructure using Ansible and Terraform for Purple Team engagements

Rochester, NY
May 2023 to Current

CSOC Consultant (Co-op)

- Monitored SCALAR XDR and enterprise clients to ensure security posture was maintained
- Investigated and analyzed user actions to determine legitimacy
- Performed alert triage, notification and response, along with tuning and engineering
- Developed new workflows involving scripting to increase SOAR capabilities and investigation efficiency

Rochester, NY
May 2022 to May 2023

RIT Cyber Range

Support Materials Developer (Part-Time)

- Worked with team to develop support materials (encryption smart card, glossary of cyber terms, training labs, etc.) to enhance training for Standard and Poor's Global Cyber Risk Rating System

Rochester, NY
Feb. 2022 to June 2022

RIT Tech Crew

Junior Technician (Part-Time)

- Collaborate with team to provide sound, lighting, and power services to all departments across RIT's campus

Rochester, NY
Sept. 2021 to Current

Supercharged Entertainment

Guest Services (Seasonal)

- Collaborated with a team of over 150 employees to deliver a unique experience to over 10,000 customers/week
- Trained new staff members in all departments
- Assisted customers with setting up reservations for various entertainment activities

Wrentham, MA
July 2019 to Jan. 2022

USA Hockey

Referee (Seasonal)

- Officiate youth, adult, and high school ice hockey games
- Enforce the rules of the game and assess penalties for violations while maintaining order with coaches, players, and parents during the game
- Mentored new/young officials
- Refereed over 2,000 games and obtained highest level in USA Hockey (Level 4)

Massachusetts, New York
Sept. 2017 to Current

Projects

Open Door Policy

- Created a tool that utilizes three different binaries to establish communication through firewalls for competitions
- Researched raw TCP communication

Mar. 2023 to Current

Web Request Shell (Requestor)

- Developed a tool with an implant that makes HTTPS requests to a web server and executes queued commands
- Implemented HTTPS for covert communication
- Added support for OS and host specific commands

Sept. 2022 to Current

Command and Control Server and Implant (Constant Control)

- Developed a socket server and implant to establish a reverse shell to control multiple clients by using python subprocesses and threading
- Rewrote client code in Rust for faster execution
- Furthered knowledge of connections and python modules

Jan. 2022 to Sept. 2022

Vulnerability Assessment

- Reviewed pseudo company's infrastructure and topology to determine vulnerabilities within the network
- Provided solutions on ways to improve security

Oct. 2021 to Dec. 2021

Activities/Clubs

RITSEC - Club Member/ISTS Competition Architect (E-Board)

- Design, manage, and lead the development of the ISTS competition as the Competition Architect
- Attend weekly education and research presentations to further my knowledge of computing security
- Past member of a mentorship group focused on Logging/SIEM (created ELK stack to consolidate logs from multiple clients)
- Attend weekly workshops to develop penetration testing tools for use during competitions as a red team member
- Meet weekly with other members of e-board to make important decision regarding the future of the RITSEC club

July 2021 to Current

RIT Red Team - Red Team Chief

- Lead the RIT red team in red vs. blue security competitions
- Collaborate with other team members to create malware for competition use
- Organize deployment of malware and service interruption for all teams throughout competition

Aug. 2022 to Current

Collegiate Cyber Defense Competition (CCDC) - Blue Team Member

- Participate in qualifier, regional, and national cyber defense competitions
- Work with teammates to keep services up and complete injects
- Attend weekly practices to further knowledge of common linux services such as Kubernetes, Docker, Apache, GitLab, etc.

Jan. 2023 to Current