

DREW YOUNG STUDENT

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🌐 drew-young

A computing security student seeking a penetration testing/red teaming focused co-op or internship beginning summer 2024.

Skills

LANGUAGES

Python
Java
KQL
Bash
Powershell
Rust

TOOLS

VMWare
Wireshark
Nmap
Git
Sentinel
Tanium
Sumo Logic
ADX
Mimecast
Cribbl
CrowdStrike
MS Defender
CylanceOPTICS
Azure AD
Ansible

OPERATING SYSTEMS

Windows 10
MacOS
Kali
Ubuntu
pfSense

CERTIFICATIONS

GCP Digital Leader

Education

Rochester Institute of Technology
B.S./M.S. Computing Security 2026
Current GPA: 3.75
Dean's List (Fall 2021, Spring 2022)

Aug. 2021 to Current

Employment

Security Risk Advisors

CSOC Consultant (Co-op)

Rochester, NY
May 2022 to Current

- Monitor SCALR XDR and enterprise clients to ensure security posture is maintained
- Investigate and analyze users actions to determine legitimacy
- Perform alert triage, notification and response, along with tuning and engineering
- Develop new workflows involving scripting to increase SOAR capabilities and investigation efficiency

RIT Cyber Range

Support Materials Developer (Part-Time)

Rochester, NY
Feb. 2022 to June 2022

- Work 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

RIT Tech Crew

Production Assistant (Part-Time)

Rochester, NY
Sept. 2021 to Current

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

Supercharged Entertainment

Guest Services (Seasonal)

Wrentham, MA
July 2019 to Jan. 2022

- 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

ShotByDY

Videographer (Occasional)

Massachusetts
Nov. 2018 to Current

- Receive input from clients to create, edit, and film videos for events, sports, weddings, etc.
- Created a website to display my portfolio (ShotByDY.com)

USA Hockey

Referee (Seasonal)

Massachusetts, New York
Sept. 2017 to Current

- 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 1000 games and obtained highest level in USA Hockey (level 4)

Projects

Command and Control Server and Implant (Constant Control)

Jan. 2022 to Current

- Coded 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

Vulnerability Assessment

Oct. 2021 to Dec. 2021

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

Web Request Shell (Constant Checker)

Sept. 2022 to Current

- Coded a client to make web requests to a text file and execute stored command on system
- Implemented stored commands functionality to avoid running the same command twice
- Added support for OS and host specific commands

Activities/Clubs

RITSEC - Club Member

July 2021 to Current

- 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

RIT Red Team - Red Team Member

Aug. 2022 to Current

- Participate in red vs. blue security competitions as part of the red team
- Collaborate with other team members to create malware for competition use
- Coordinate with teammates to organize service interruption for all teams

Incident Response Security Competition (IRSeC) - Blue Team Member

Oct. 2021

- Participated as a member of a blue team in a blue vs. red team competition hosted by RITSEC
- Expanded technical writing skill set through developing IR reports and injects

Information Security Talent Search Competition (ISTS) - Blue/Purple Team Member

Mar. 2022

- Participated as a member of a blue team in a blue vs. red team competition hosted by RITSEC
- Developed understanding of defending routers and Linux services (SSH, ICMP, HTTP, etc.)
- Expanded penetration testing skill set by participating in various CTF and KOTH challenges

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

Apr. 2022

- Participated as a member of a blue team in a blue vs. red team competition hosted by UB
- Furthered knowledge of defending networks and Linux services (SSH, ICMP, HTTP, etc.)
- Expanded pfSense knowledge by writing scripted firewall rules