

# DREW YOUNG STUDENT

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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  
C

### 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

### 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)

## Education

**Rochester Institute of Technology**  
B.S./M.S. Computing Security 2026  
Current GPA: 3.78  
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

Junior Technician (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 (Requestor)

Sept. 2022 to Current

- Created a server and client to make https post requests to a flask server and execute stored command on system
- Implemented https for covert communication
- 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

### Collegiate Cyber Defense Competition (CCDC) · Blue Team Member

Jan. 2023 to Current

- Participate in qualifier, regional, and national cyber defense competitions
- Work with teammates to keep services up and complete injects
- Attend weekly practices to learn common linux services