Maxwell Fusco

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EDUCATION

Rochester Institute of Technology AUG 2019 – MAY 2023 (EXPECTED)
Computing Security B.S./M.S. | Mathematics Minor| GPA: 4.0

WORK EXPERIENCE

Area 1 Security | Threat Hunter Intern MAY 2021 – PRESENT
- Determined security threat of detected items and created custom queries to find previously undetected items
- Authored security blog posts and training material
- Invited for extended part-time work during school year

Cisco | TCE Co-op JUL 2020 – FEB 2021
- Troubleshooting industry network issue within Cisco's Server Virtualization Team while working remotely
- Invited for extended co-op stay as mentor for incoming co-ops

RIT Resnet | ITS Technician FEB 2020 – PRESENT
- Provide individualized technical assistance on campus

PROJECTS

Python Command and Control Server
- Utilized Python modules such as sockets, argparse, discord
- Individual learning of python networking and persistence
- Custom building linux beacon in python

Car Hacking | CAM packet capture and injection
- Custom build hardware using Arduino components
- Wrote custom packet parser for capturing packets

ACTIVITIES

RITSEC Techlead
Educating RITSEC members through building weekly demo CTF challenges and individualized support on several security topics

RITSEC Club Member
Mentorship Program, Reversing Interest Group, RIT Vulnerability and Penetration Testing Interest Group

ΣAM (Sigma Alpha Mu) Fraternity
Executive Board | Recorder (Spring/Fall 2021)

HackTheBox and TryHackMe Individual Learning
Learning penetration testing fundamentals though a variety of different challenges

Computing Security Ambassador

Silver Wings Club Member

CERTIFICATIONS

- CCNA 200-301 AUG 2020

AWARDS/DISTINCTIONS

- RIT Honors Program
- RIT Fall/Spring 2020 Deans List
- RIT FSL | 2019 New Member of the Year
- Preston Robert Tishman Award
- Paul Pumpian Award
- Guller Young Scholar Award

COMPETITIONS/CONFRENCES

- RITSEC ISTS 2021 | Linux Lead OCT 2020
- RITSEC IRSEC 2020 | Linux Lead 1st Place Team OCT 2020
- UB Lockdown 9 | Linux Lead 1st Place Team OCT 2020
- MetaCTF 2020 OCT 2020
- RVAPT Penetration Testing Competition APR 2020
- ISTS White Team MAR 2020
- Shmoocon 2020 FEB 2020
- RITSEC Weekly Demos 2nd Place Sept – Dec 2019
- RITSEC CTF NOV 2019 3rd Place Team Locally

LANGUAGES

- Python
- Bash
- C/C++
- X86 Assembly

SKILLS

- Active and Fast Learner
- Independently Motivated
- Organization
- Multitasking
- Communication