Maxwell Fusco

4 +1 (732) 702-0723

☑ jobs@maxfus.co

EDUCATION

Minor: Mathematics

Anticipated: Dec 2023

SKILLS

Development

B.S. & M.S in Cybersecurity

Rochester Institute of Technology

Developed and maintained efficient, well

SQL NoSQL GraphQL gRPC C/C++

HTML | CSS | git | Jira | Secure Coding

Deployed, maintained, and automated

Golang Python Bash JavaScript React

documented, and effective code

in linkedin.com/in/maxfusco

Honors

GPA: 4.0/4.0

github.com/1nv8rZim

WORK EXPERIENCE

Security Researcher Intern

New York City, NY •

May 2023 - Aug 2023

• Developed internal threat hunting platform to detect and respond to threats

- Designed automated sandbox environment to analyze software dependancies
- Automated and systemized continous threat hunting and detection at scale

Security Engineer Intern

Akamai (Linode)

Datadog

Sept 2022 - May 2023

- Secured and modernized critical production services and infrastructure
- Managed HackerOne bug bounty program and triaged incoming reports
- Developed, maintained, and improved internal security automation tools

Penetration Testing Intern

Austin, TX 9

IBM X-Force Red

May 2022 - Aug 2022

- Developed operating system agnostic and modular enumeration framework
- Gained expertise in penetration testing and red teaming methodologies

Threat Hunting Intern

Remote **?**

Cloudflare

May 2021 - May 2022

- Identified new threats and built new detections to remediate false-negatives
- Authored security blog posts and training material for incoming threat hunters

Technical Consulting Engineer Intern

hybrid network infrastructure OpenStack Docker Kubernetes ESXi

July 2020 - Feb 2021

DevOps

Ansible | Terraform | Fleet | OSQuery

CI/CD | GitOps | Kibana | Datadog

Cisco

• Resolved complex network issues on Cisco's Server Virtualization Team

PERSONAL PROJECTS

Ops Bot III Modular Discord Bot for Automation and Orchestration

github.com/ritsec/ops-bot-iii

Feb 2023 - Current

- Developed a highly adaptable and multifunctional managerial bot using Golang
- Engineered a modular architecture for extensibility and customization

CompScore Scalable, Pluggable, and Efficient Scoring Platform

github.com/compscore/compscore

May 2023 - Current

- Developed a highly scalable and efficient scoring platform using Golang
- Engineered a fullstack application for managing and visualizing scores

LEADERSHIP & COMMUNITY INVOLVEMENT

RITSEC Executive Board Vice President (2022 - 2023) & Tech Lead (2021 - 2022)

- Oversaw and coordinated operations of the largest academic club at RIT and the most prominent student-run cybersecurity club
- Utilized a distinctive blend of technical expertise and administrative prowess to streamline and automate operations and ensure effective project outcomes
- Managed the successful execution of regular and large-scale events

RIT CPTC Member Social Engineering & Web Lead (2022 - 2023)

- Represented RIT in the Collegiate Penetration Testing Competition
- Performed industry-level penetration testing in a competition environment

(2022 - 2023)

RITSEC Operations Team Member

Built automation to maintain infrastructure on a hybrid compute stack

• Managed and maintained vital code-bases to RITSEC Operations

DEFCON 30 & 31 Red Team Village Challenge Author NCAE Cyber Games Challenge Author

Penetration Testing

Familiar in testing: WebApp, Internal and External Network, Container, and Mobile

Nmap | Burp Suite | Technical Writing

Wireshark | CrackMapExec | Shodan Responder Evil-WinRM Metasploit

Red Teaming

Developed, maintained, and deployed custom tools in emulated environments

MITRE ATT&CK Framework | C2

Tool Development | Cyber Kill Chain Covert Channels | Adversary Emulation

Operating Systems

Effectively and efficiently navigate, utilize, control, and manage systems

Linux | Windows | MacOS | PfSense OpenSense | FreeBSD | Cisco IOS

CERTIFICATIONS

(2022 - 2023) HAM Radio Technician License (2022 - 2023) CCNA 200-301