ROBERT SCOCCA

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Experience

Red Team Operator · NCAE Cyber Games - Remote   February 2022 - Present
- **Simulating red team** attacks and **managing C2** in a cybersecurity competition for universities

Pentesting Consultant · Crowe LLP - New York City , NY   January 2022 - May 2024
- Executing **75+** security assessments on multibillion dollar financial institutions including: **purple teaming, network pentesting, web app testing, phishing, vishing and physical security**
- **Technical lead** performing pentest **planning**, scoping, reporting and **presenting to IT and C Suites**
- **Developing the red team** and MFA bypass **phishing methodology** to expand assessments

Junior Security Engineer · Cosiant Cyber - Remote   September 2021 - April 2022
- **Malware analysis o**f ransomware**,** writing **Yara** rules and **reverse engineering** w/ assembly
- **Python** and **Bash** scripting, **Linux server administration**, Elasticsearch, Logstash, and Kibana

Technology Tutor · Trilogy - Remote   June 2021 – January 2022
- Support students learning cybersecurity related topics such as **pentesting** and **Linux** administration.

Teachers Assistant · Utica University - Utica, NY   August 2019 – August 2020
- **Teaching** students during classes in networking, **pentesting** and writing technical **reports**.

Skills

- **Internal** and **External** network, **Web** Application, **Wireless** and **Active Directory** pentesting
- Adept in the **remediation** of **vulnerabilities** found and **recommendations** for security controls.
- **Presentation skills** and experienced in **explaining technical topics** in writing and speech
- **Kali Linux**, **Cobalt Strike**, **Metasploit**, **Nessus**, **Burp Suite**, **Nmap, Impacket,** and Wireshark
- Experience in **Windows, Linux, VMware, Azure, Active Directory** and Digital Ocean
- **Python, Bash, Powershell**, C, C++, Java, Javascript, Ansible, Git, RESTful and SOAP APIs
- **Developed and modified pentesting scripts**, exploits, and shellcode in the variety of languages above

Education

Utica University, Utica, NY   Graduated December 2021
Bachelor of Science: Cybersecurity (Cyber Operations), Minor - Computer Science.

Affiliations, Organizations and Activities

Utica University Cybersecurity Club – *President (2020)*   2018 – 2021
- Competed in CNY Hackathons
- Cyber Forensics Competition Student Research Assistants Panelist

Collegiate Cyber Defense Competition – *Tech Lead (2021)*   2020 – 2021
Wild West Hackin' Fest – Information Security Conference   October 2022
DEF CON 31 – Information Security Conference   August 2023

Technical Projects

See more projects: robertscocca.medium.com
- **150+ machines hacked** in pentesting labs including Proving Grounds, Hack The Box, etc.
- **5,000 views** a month on blog about cybersecurity and ethical hacking topics
- **Top 1%** of Hack The Box and **top 3%** of TryHackMe hackers

Certifications

See more training and certifications: www.linkedin.com/in/robertscocca

Microsoft Certified: Azure Fundamentals	April 2022
Red Team Operator by Zero-Point Security	December 2022
Offensive Security Certified Professional (OSCP)	January 2021
eLearnSecurity Web Application Penetration Tester (eWPT)	August 2021