

ROBERT SCOCCA

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Technical Skills

- **Linux** system administration and **networking** services.
- **Web** hosting and development technologies like Apache, Nginx, HTML, CSS, and Digital Ocean **VPS**.
- **Web App, Wireless, Active Directory penetration testing** tools such as Nmap, and Burp Suite, Aircrack-ng, Hashcat, Metasploit, Impacket, Powersploit, Wireshark, Netcat, Dirb, Nessus, OpenVAS.
- **Virtualization**, setting up Debian, CentOS, Windows XP, 7, 8, 10, Windows Server and other systems.
- Linux server security and hardening with firewalls, Fail2ban, Tripwire, Snort
- **Python** and **Bash**, C, C#, and Javascript.

Experience

Utica College · Utica, NY - *Cybersecurity Teachers Assistant* August 2019 – Present

- Inspired students during classes and demonstrations **teaching** cybersecurity topics.
- **Report writing**, ethical hacking tools and workforce entry **communication** skills.
- Actively **Troubleshoot** assignments and linux programs.

Education

Utica College, Utica, NY Anticipated Graduation May 2022

Bachelor of Science, Cybersecurity – Specialization: Cyber Operations – Minor: Computer Science

Affiliations, Organizations & Activities

Utica College Cybersecurity Club – *President* September 2018 – Present

- Competed in CNY Hackathons (November 2018, April 2019, April 2020)
- Moderated Virtual Machine Workshop (January 2019)
- Competed in UC vs MVCC vs UAlbany Hackathon (April 2019)
- Attended Anycon hacking convention at Albany (November 2019)
- Oversaw Lockpicking Workshops (December 2019, January 2020)
- Administrated King of the Hill Hackathon (March 2020)
- Competed in National Cyber League [Gold Bracket] (Spring 2020)

Collegiate Cyber Defense Competition – *Linux Admin* October 2019 – Present

- Competed in National Collegiate Cyber Defense Competition (January 2020)

Utica College Emergency Management Club – *Public Relations* September 2019 – Present

- Community Emergency Response Team training and certifying (September 2019)
- Multiple Self Defense Trainings (February 2019)

Technical Projects

Some projects are showcased on <https://robertscocca.com/blog/blog.html> and <https://github.com/remembercds>.

- Built home server with Debian Linux; VNC, SSH, Web, and Nextcloud services; UFW firewall
- Built wardrive Raspberry Pi to collect wireless and GPS data
- Built honeypot server with password and username attempts logging
- Testing Payloads and Malware on Windows 10 and antivirus
- Testing WPA, WEP, and WPA2 wifi
- Practice in Capture the Flag challenges from Vuln Hub, Hack The Box, and Over The Wire
- Robotics experience with arduino boards, electrical engineering, and programming

Certifications

Comptia Security+ SYO-501 Completed January 2020

Comptia Network+ N10-007 Completed May 2020

Udemy Practical Ethical Hacking - The Complete Course Completed April 2020

IS-317 Introduction to CERT Completed September 2019

Currently studying for OSCP