

CAMERON MCCAWLEY

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EDUCATION

Oregon State University *Sep. 2019 - Jun. 2023*
B.S. Computer Science with Cybersecurity Focus / Minor in Mathematics GPA: 3.86

- Key Courses: Network Security, Digital Forensics, Computer Architecture and Assembly, Cyber Attacks and Defenses, Operating Systems I and II, Numerical Analysis, Cryptography, Cybersecurity Operations Practicum I, II, III
- Senior Project: Worked in the Oregon Research & Teaching Security Operations Center (ORTSOC), an experiential learning SOC that employs students to help monitor customer networks and defend against cyber intrusions.

WORK EXPERIENCE

Mandiant *Jun. 2022 - Aug. 2022*
Technical Intelligence Analyst Intern Corvallis, OR

- Analyzed and processed intelligence on financial crime threat activity to aid in report writing for customers
- Conducted malware analysis on samples from various sources to support intelligence gathering.
- Contributed to the internal tracking of threat actors, malicious infrastructure, malware samples/families, and TTPs
- Wrote and revised intelligence reports on various topics for customers
- Worked on an overarching research project aimed at tracking clients of an underground bulletproof hosting service

Oregon State University *Jun. 2021 - Jun. 2022, Sep. 2022 - Present*
Security Analyst Corvallis, OR

- Performed network monitoring by using tools such as Azure Sentinel, Splunk, Zeek, and Nessus
- Engaged in active threat hunting to help protect the university's network from emerging CVEs
- Investigated and responded to phishing emails targeting end-users
- Was active in the incident response process by analyzing logs and performing forensic analysis on compromised machines
- Wrote scripts to help automate certain parts of an internal penetration testing operation

Oregon State University *Mar. 2020 - Jun. 2020*
Undergraduate Teaching Assistant Corvallis, OR

- Held extended office hours helping students learn and understand difficult C++ concepts
- Presented live coding demos at beginning of labs as a review of topics learned in lecture

SKILLS

Security

- Binary Exploitation (pwn2tools)
- Malware Analysis (IDA Pro, gdb, FLARE)
- Network Security (Zeek, Wireshark, nmap)
- Log Analysis (Splunk, Azure Sentinel, ELK)
- Tech Intelligence (VirusTotal, Domain Tools)

Open Source Intelligence

- Advanced Social Media Intelligence
- Image Geolocation
- Steganography & Image Analysis
- Cryptocurrency & Blockchain
- Sock Puppeting

Programming

- C, C++
- Python, *sh
- HTML/CSS/JS/SQL
- x86 Assembly
- Git, YARA, L^AT_EX

ACTIVITIES

OSU Security Club *Sep. 2019 - Present*

- Club president from May 2022 – present, 700+ members
- Club infrastructure & project manager from May 2021 – May 2022
- Taught several hundred up-and-coming hackers the basics of CTF through OSUSEC's CTF League
- Worked with industry partners to bring presentations to club members
- Created a mock CDC network allowing club members to practice blue teaming in an enterprise environment
- Organizer for DamCTF 2021 and 2022 with a focus on creating forensic and OSINT themed challenges

AWARDS

1st place - OSUSEC CTF League (remote, individual) *Sep. 2020 - Jun. 2021*
3rd place - NSA Codebreaker Challenge (remote, team) *Aug. 2021 - Jan. 2022*
26th place - DOE Cyberforce Competition (remote, individual) *Nov. 2020*
Oregon State University Dean's List *Sep. 2019 - Present*