

BRIAN T. CARR

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SUMMARY

Driven device engineering specialist and cybersecurity professional seeking full-time employment in the Albany, New York area. Technically advanced through coursework, work experience, and self-taught knowledge in cybersecurity and cyber-forensics. Strengths include careful, detailed work and flexibility in quickly adapting to new projects. Proven ability to lead and collaborate with team members. Excellent verbal and written communication skills. Strong desire to continue to learn and grow as a professional within the cybersecurity field.

EDUCATION

Master of Science in Cybersecurity Utica College,
Specialization in Computer Forensics
Specialization in Malware Analysis

September 2021

Bachelor of Science in Cybersecurity Utica College,
Specialization in Network Forensics and Intrusion Investigations

May 2019

PROFESSIONAL SKILLS

Network Security Monitoring
Email Forensics
Regular Expressions / Grep
Nmap / Nessus
Penetration Testing
YARA

Forensic Toolkit (FTK)
Malware Analysis
Linux Forensics
Windows Forensics
IDS rule development
Splunk

CrowdStrike EDR
ClamAV Signature Development
Suricata
Volatility / Memory Forensics
Linux System Administration
Bash / Python

EMPLOYMENT EXPERIENCE

Device Engineering Specialist
Center for Internet Security, East Greenbush, NY

June 2021 – Present

Associate Device Engineering Specialist
Center for Internet Security, East Greenbush, NY

January 2020 – June 2021

- Onboarded Albert IDS sensors for the MS-ISAC and EI-ISAC.
- Performed support and maintenance on Albert IDS sensors.
- Wrote bash scripts to automate various steps in the onboarding process.
- Wrote a bash script to automate steps in the Albert support process.
- Wrote a Python script that automated the Suricata rule-writing process.
- Tested newly written IDS rules to ensure functionality before implementation in production.
- Utilized Splunk to analyze and troubleshoot Albert sensors.
- Wrote SQL queries to obtain data from an Oracle database.
- Utilized CrowdStrike Falcon to monitor servers and identify vulnerabilities.

Computer Emergency Response Team Intern
Center for Internet Security, East Greenbush, NY

May 2019 – January 2020

- Analyzed suspicious emails submitted to the MS-ISAC and EI-ISAC.
- Analyzed malware submitted to the MS-ISAC's and EI-ISAC's Malicious Code Analysis Platform (MCAP).
- Wrote a bash script that parses relevant email header information.
- Participated in incident response calls with the MS-ISAC CERT.
- Performed analysis on a system infected with ransomware and successfully determined how the infection occurred.
- Analyzed forensic images, memory captures, and a variety of logs in both training scenarios and incidents.

COLLEGIATE AFFILIATIONS

Member, Alpha Phi Sigma Criminal Justice Honor Society
Member, Utica College Cybersecurity Club
Treasurer, Psi Delta Omega Fraternity
Athlete, Alfred State NCAA Division III Wrestling Team

May 2019-Present
2017-2019
Fall 2016
2014-2015