

JOSHUA BROWN

COMPUTING SECURITY

SUMMARY

Cybersecurity student looking for a co-op/internship for the Fall 2021 and Summer 2022 Semesters.

CONTACT

✉ jwb8563@rit.edu

☎ (315)-481-6969

in joshbrownRIT

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EDUCATION

Bachelor of Science : Aug. 2018
Computing Security to Current
3.3 GPA

Rochester Institute of Technology

Relevant Classes: Programming for

Information Security, Reverse

Engineering, Systems Administration,

Network Services, Introduction to Routing

and Switching, Introduction to Databases,

Principles of Website Application

Security, Cyber Defense Techniques

EMPLOYMENT

Microwave Filter Company

Syracuse, New York

Cybersecurity Intern

July 2021 to Current

- Documented and maintained the architecture of network environment using LanSweeper and appropriate network diagnostic tools
- Worked with President of the Company to schedule and supervise a penetration test
- Created and followed a project schedule that overhauled and modernized the network architecture of the company
- Defined the priorities and necessity of risk management to management, leading to implementations that increased the security of the company.

Microwave Filter Company

Syracuse, New York

Process Engineering Manager

May 2019 to Aug. 2019

- Developed documentation, including diagrams and specifications, to meet project requirements and regulatory standards.
- Congregated weekly with Vice President of Manufacturing to discuss better project implementations and alleviate any outstanding issues.
- Coached newly hired employees and interns while ensuring continuation and enhancements of services.
- Established project schedules and ensured that milestones were met during each phase.

SKILLS

LANGUAGES: Python, MySQL, Java, C, Bash

LEARNING: MongoDB, JavaScript, Burp Suite, Golang, HTML, PHP, Assembly x86

TECHNOLOGICAL SKILLS: Network Services (DNS, DHCP, etc.), Windows Services, Apache, NGINX, Docker, Wireshark

OTHER SKILLS: Management, Agile, Public Speaking

PROJECTS

KeyQuery

Developed a red-team tool in Python that logs keystrokes, storing them in a MongoDB Atlas Cluster, then later scraped for passwords and credentials

ACTIVITIES

RITSec · Member

Aug. 2018 to Current

RITSec is a club at the Rochester Institute of Technology (RIT) focused on facilitating outside learning of concepts related to Computing Security and broadening knowledge of related topics. supplementing out of class knowledge that is vital to working in the field.

Full Stack Development Team · Member

Aug. 2019 to May 2020

Worked with React.js, SQLAlchemy, flask_rest with a team devoted to create competition-based software that allowed for easy logging and managing of Red/Blue Team competitions hosted at RIT.

CodeRIT · Director of Community Outreach

Aug. 2018 to Feb. 2020

A club focused on the betterment of the student computing community by diversifying approaches to learning applicable material to the workforce. Hosted and planned weekly workshops, managed social media, and proposed new ideas to encompass a greater, inclusive community.