

Jeffrey Carr

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United States Citizen

SUMMARY

Graduating senior studying computer science seeking a cybersecurity career within the United States Federal Government. Recipient of the National Science Foundation CyberCorps Scholarship for Service to help meet cybersecurity government requirements. Work experience in the cybersecurity field.

EDUCATION

University of Massachusetts Amherst

May 2021

Bachelor of Science in Computer Science

Cumulative GPA: 3.5/4.0

- Scholarships: NSF Scholarship for Service fellow
- Honors/Awards: Commonwealth Honors College, Dean's Award
- Relevant Coursework: Computer Systems, Probability, Algorithms, Introduction to Computation, Networking, Introduction to Computer and Network Security

SKILLS

Languages - Java, C, C++, Python, React, Angular

Technology - Terminal, Arduino, FireEye, Symantec Bluecoat, ThreatGrid, Linux

EXPERIENCE

Liberty Mutual, Portsmouth, NH

May 2020 - August 2020

Global Cybersecurity Solutions Intern

- Created and published a web application in Angular aimed at streamlining threat modeling process
- Leveraged Angular and PrimeNG to craft an aesthetically pleasing and functional user interface
- Implemented a Java backend with REST API
- Product was showcased to 50 employees and deployed company wide by an application development teams

Liberty Mutual, Portsmouth, NH

June 2019 - August 2019

Information Security Analyst

- Analyzed suspicious emails for phishing and malware attacks
- Assessed retro alerts of malware coming through firewall to prevent cyber attacks on personal devices
- Investigated malware by isolating and testing code to determine malicious domains
- Researched device histories to gain insight into timeline of suspicious processes

UMass Amherst, Amherst, MA

May 2019 - July 2020

Residential Service Desk Student Supervisor

- Supervised 9 service desks and up to 25 students around campus
- Handled distressed students and families
- Administered handling of mail and packages as well as the distribution of mail and packages

PROJECTS

Hack UMass Hackathon

October 2018

- Built a proximity sensor with adjustable distance sensing using an Arduino with dynamic interface on a website

Cybersecurity Projects

- Secure file exchange program using a combination of asymmetric and symmetric cryptography as well as a custom packet structure for communicating between client and server January 2021
- Recreation of unix 'dd' tool in Python (Class project) April 2020
- Created tool to parse/carve jpeg, exif, and wav files in Python (Class project) February 2020