

Jeffrey Carr

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United States Citizen

EDUCATION

University of Massachusetts Amherst

May 2021

Bachelor of Science in Computer Science

Cumulative GPA: 3.5/4.0

- Honors/Awards: NSF Scholarship for Service Fellow, 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 to simplify and streamline the threat modeling process
- Used 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 will be used 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

Custom Unix Filesystem

April 2020

- Designed filesystem in C++ using real-world implementations such as inodes

Cybersecurity Projects

- 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

CO-CURRICULAR ACTIVITIES

Video Game Development Club

March 2018-October 2019

Founder

- Put out invites, started a chat server, set up meetings, managed up to 50 members
- Created weekly challenges for members to complete