

# Jeffrey Carr

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United States Citizen

## SUMMARY

Graduating senior studying computer science looking for a career in the United States federal government focusing on cybersecurity. Recipient of the NSF Scholarship for Service to help meet the cybersecurity needs of the government. 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, System Defense and Test, Application of Data Management

## CERTIFICATIONS

- Security+ CE 05/15/2021

## SKILLS

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

**Technology** - Terminal, Arduino, FireEye, Symantec Bluecoat, ThreatGrid, Linux, Basic Cryptography

## EXPERIENCE

Liberty Mutual, Portsmouth, NH 05/12/2020 - 08/17/2020 160 hours/month (40hrs/week)

### *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 06/01/2019 - 08/25/2019 160 hours/month (40hrs/week)

### *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 05/21/2019 - 07/20/2020 40 hours/month (10hrs/week)

### *Residential Service Desk Student Supervisor*

- Supervised 9 service desks and more than 20 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*

- 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
- Built secure peer-to-peer chat system using RSA and AES-256-CBC encryption February 2021