

EDUCATION

University of Massachusetts Amherst

May 2021

Bachelor of Science in Computer Science

Cumulative GPA: 3.449/4.0

- Honors/Awards: Commonwealth Honors College, Dean's Award
- Relevant Coursework: Operating Systems, Algorithms, Introduction to Computation, Digital Forensics, Artificial Intelligence, Computer Networks, Intro to Computer and Network Security

EXPERIENCE

Liberty Mutual

Portsmouth, NH

May 2020 - August 2020

Global Cybersecurity Solutions Intern

- Responsible for creating technical solutions to cybersecurity issues at Liberty Mutual
- Created web application to simplify and streamline the threat modeling process
- Researched threat modeling and learned in-depth about Microsoft's STRIDE model for threat modeling
- Implemented agile practices in daily work

Liberty Mutual

Portsmouth, NH

June 2019 - August 2019

Information Security Analyst

- Used software to monitor for active incidents detected on user's systems
- Monitored email inbox of employees for potential phishing or malware attacks
- Analyzed retroactive threats detected on the network and researched using Splunk logs
- Followed up with phone calls to customers who were suspected to have threats on their systems

UMass Amherst

Amherst, MA

May 2019 - July 2020

Residential Service Desk Student Supervisor

- Monitored 9 service desks and supervised up to 25 student employees around campus at once
- Handled distressed students and families
- Oversaw handling and distribution of mail and packages for over 13,000 on-campus students

PROJECTS

Hack UMass Hackathon

- Built a proximity sensor with adjustable distance sensing using an Arduino and ultrasonic sensor that sent recent distance to website
- Learned how to use Arduino WiFi chip and work on a team of 4 people to complete a project with a deadline

Class Projects

- Custom unix-like file system built in C++ (class project)
- Created python tool to parse jpeg, exif, and wav files for malicious code and passwords (class project)

SKILLS

Languages

Java, C, Python, React, Angular

Technology

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

CO-CURRICULAR ACTIVITIES

Video Game Development Club

March 2018-October 2019

Founder

- Put out invites, started and managed a chat server, set up meetings, managed members
- Created challenges every week for members to complete for next meeting