

Owen Seltzer

Boston, MA

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Education:

Northeastern University, Boston, MA September 2020 - Present
Khoury College of Computer Sciences Expected Graduation: May 2024
Candidate for Bachelor of Science in Cybersecurity with concentration in Cyber Operations
GPA: 4.00/4.00, Dean's List (all semesters)
Coursework: Systems Security, Information Forensics, Object-Oriented Design, Computer Systems, Networks
Activities: Northeastern Club Running Team, Blues/Rock Ensemble (keyboard player)

Waterford High School, Waterford, CT September 2016 - June 2020
GPA: 4.21/4.33, 3rd in class, graduated with high honors
Activities: National Honor Society (VP), Model UN (VP), Captain of Cross Country, Indoor/Outdoor Track teams

Computer Proficiencies:

Languages: C, Python, Java, Assembly (x86 & MIPS), Racket, LaTeX, HTML, CSS, JavaScript, PHP, SQL, Verilog
Systems: Windows, MacOS, Linux, iOS, Android
Applications: IntelliJ, PyCharm, WSL, GIMP, Audacity, ProTools, Autopsy, Microsoft Office
Familiar with: Metasploit, BurpSuite, WireShark, Nmap, Hashcat, Tor, PGP Encryption

Personal & Academic Projects:

Personal Website: 2015 - Present
• Owner of owenweb.tk which currently hosts a NextCloud instance for personal file and calendar syncing
• Previously has hosted a variety of personal projects over the years such as basic social networks
File System Implementation: December 2021
• Wrote an implementation of a Unix-like filesystem in C to be mounted with FUSE
• Included support for an arbitrary number of nested directories, creating, moving, editing, and deleting files
Image Editing Program: June 2021
• Collaborated with partner to create a GUI written in Java to load images into multiple layers
• Allowed the user to reorder, apply a variety of effects to, and export images from each of the layers

Work Experience:

Northeastern University, Boston, MA September 2021 - Present
Teaching Assistant for Fundamentals of Computer Science and Foundations of Cybersecurity courses
• Work directly with students in lab and holding office hours to improve their understanding of difficult topics
• Grading students' work while leaving constructive feedback and making myself available as a resource
• Communicate one-on-one with students as well as present and teach to groups of students in lab sections
Jersey Mike's Subs, Waterford, CT April 2019 - August 2021
Shift Manager
• Handled money and managed employees, serving as a liaison between them and corporate management
• Practiced proper food safety handling techniques in a clean environment
• Addressed questions and concerns from customers while staying professional

Interests:

Writing/Performing Music, Scuba Diving, Running in races, Learning how things work, Traveling to new places