

# 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:** 3.95/4.00, Dean's List  
**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 contains a personal resume website and a Nextcloud instance for file management  
• 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 - May 2022  
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