

# Owen Seltzer

Boston, MA

seltzer.o@northeastern.edu — LinkedIn: linkedin.com/in/owen-seltzer

## 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)

## Computer Proficiencies:

Languages: C, Python, Java, Assembly (x86 & MIPS), Racket, LaTeX, HTML, CSS, JavaScript, PHP, SQL, Verilog

Systems: Windows, MacOS, Linux, iOS

Applications: IntelliJ, PyCharm, WSL, GIMP, Audacity, ProTools, Autopsy, EnCase, Cellebrite

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:

**StoneTurn Group**, Boston, MA

July 2022 - Present

Forensic Technology Co-op

- Assisting in collection, examination, and interpretation of data related to active computer forensic investigations
- Communicating with clients to obtain data and deliver results of analysis
- Working in a forensic lab as a part of a team with other consultants

**Northeastern University**, Boston, MA

September 2021 - May 2022

Teaching Assistant for Fundamentals of Computer Science and Foundations of Cybersecurity courses

- Worked directly with students in lab and held office hours to improve their understanding of difficult topics
- Graded students' work while leaving constructive feedback and making myself available as a resource
- Communicated one-on-one with students as well as presented and taught 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