

Benjamin Wakefield

883 Huntington Ave, Boston, MA | wakefield.ben@northeastern.edu | (954) 404-4864 | gedj.dev

Searching for **Internship** from *July 2024 – December 2024*

Education

Northeastern University, Boston, MA

September 2022 – Present

Khoury College of Computer Science

Expected May 2026

Candidate for Bachelor of Science in Computer Science

GPA 3.5/4.0

Coursework: Object Oriented Design, Algorithms and Data, Networks & Distributed Systems, Theory of Computation, Computer Systems

Pine Crest School, Fort Lauderdale, FL

September 2018 – May 2022

48 AP Credits accepted by Northeastern

GPA 4.2/4.0

Coursework: Data Structures & Algorithms, Artificial Intelligence, AP Computer Science A, AP Physics C Mechanics & Electromagnetism, AP Calculus AB & BC, AP Microeconomics & Macroeconomics

Professional Experience

SP+, Boston, MA

June – August 2023

- Assisted guests, managed efficient parking, safety, and logging of vehicle condition and location.

Prominent Projects

Simple Web Crawler

November 2023

- Programmed Web Crawler for class faux-social media site, traversing and parsing more than 10,000 HTML pages to find flags with depth-first search. Built a performance logging utility to remotely monitor the latency of the web server and optimize strategy.
- Java, Bash, HTML

Reliable Transport Protocol Implementation

October 2023

- Wrote a robust and extremely efficient implementation, ranking **1st out of 83** for efficiency and 3rd of 83 for transmission time by utilizing gzip compression and designing custom packet headers with low overhead.
- Java, Python, Bash

Testing Automation Script

September 2023

- Wrote script to sequentially run all provided testing configurations and report results.
- Bash, Python, Linux

Personal Website

January 2024

- Built website from scratch with HTML and CSS, hosted on GitHub sites and Google Domains.

3D Printed Ski Clip

January 2024

- Used AutoCAD to design and 3D print an ABS plastic ski clip, managed advertising partnerships with creators on Instagram, created advertisements and other media for promotion online.
- AutoCAD, Fusion360, Photoshop, Illustrator, Vegas Pro

Skills

Java, C++, C, Python, Bash, HTML/CSS, Windows, Linux, MacOS

Personal Interests

Skiing, Backpacking, Hiking, Photography, Graphic Design, Video Editing