

Benjamin Wakefield

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Searching for Position from July 2024 – December 2024

Personal Website: gedj.dev Project Sources available by request at github.com/gedjdev

Education

Northeastern University, Boston, MA

September 2022 - Present

Khoury College of Computer Science

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

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

Skills

Languages: Java, C++, C, Python, Bash, AutoHotKey

Systems: Windows, Linux

Professional Experience

SP+, Boston, MA

Summer 2023

Valet

Acted as a frontline representative to answer guests' questions and special requests.

Managed efficient parking, safety, and logging of vehicle condition and location.

Projects

3D Printed Ski Clip

- Used AutoCAD to design and 3D print ABS plastic ski clip, managed advertising partnerships with creators on Instagram and created advertisements and other brand social media material.

Simple Web Crawler

- 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.

Reliable Transport Protocol Implementation

- 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 an extremely low overhead.

Testing Automation Script

- Wrote BASH script to sequentially run all provided testing configurations and report results.

Personal Interests

Skiing, Backpacking, Hiking, Photography, Graphic Design & Post-production