

Charles Ciampa

(617) 631-7488 | 306 Huron Avenue, Cambridge MA 02138 | ciampa.c@northeastern.edu
github.com/CharlesC03 | linkedin.com/in/charles-ciampa
Available: July – December 2023

Education

Northeastern University, Boston, MA Sept. 2021 - Present
Khoury College of Computer Sciences
Candidate for a Bachelor of Science in Computer Science and Physics with a minor in Mathematics
GPA: 3.15/4.0
Related Courses: Modern Physics | Differential Equations and Linear Algebra for Engineers
Algorithms & Data | Object-Oriented Design

Computer Knowledge

Languages: Python | Java | JavaScript | HTML | CSS | Rust | Racket | C++ | R
Frameworks: NumPy & Pandas (Python) | Selenium (Python) | Vue (JS)
Systems: MacOS | Ubuntu Linux | ZSH | Bash | Windows
Software: Git/Github | VSCode | JetBrains | SSH

Work Experience

Town of Harwich, Harwich, MA June – Sept. 2019-2022
Lifeguard

- Responsible for managing the public beach
- Maintained the safety of beach goers in the water and on the land

Wartime Aide Inc., Ipswich, MA July 2015 – Present
Vice President, Treasure, Clerk, Director of Technology, and Founding Board Member

- Responsible for maintaining its compliance with the State and IRS
- Maintain all the technology and website reducing the workload for the rest of the team and

Projects

Senior Math Capstone

- Used Python to perform a Monte Carlo using the MBTA dataset to estimate the probability of arriving at school on time

Chrome Extension: Improved Managebac (On GitHub)

- Created a Chrome Extension in JavaScript which would calculate the average grade for ManageBac (My Highschool website for assignments)
- Added graph functionality to visually represent the users' assignment grades and dark mode
- Rewrote project with Vue framework to make the GUI more visually appealing

Automatic Lecture Reductor

- Wrote a program that downloads lectures from google drive and removes the silent parts of the video. I then uploaded the video on Google Drive. This program led to a reduction of ~30% in watching time.
- Implemented with Crontab, Python, and the Google Drive API

Interests

Bilingual: English | Spanish
Traveling: Italy | Chile | Spain | England | Canada | France | Switzerland | Scotland | Costa Rica | Mexico
Other: Biking | Rowing | Reading Manga | Playing open-world video games (Minecraft, Red Dead 2)