Mathew Hirsch

Boston MA 02120

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Education

Northeastern University, Boston MA   September 2020 - Present

Khoury College of Computer Sciences   Expected May 2023

Candidate for Bachelor of Science in Computer Science   GPA: 3.09/4.0

Related Courses:

> Web Development, Fundamentals of Software Engineering, Networks & Distributed Systems, Algorithms and Data, Computer Systems, Object Oriented Design, Fundamentals of Computer Science, Logic and Computation, Foundations of Cybersecurity, Discrete Structures.

Hopewell Valley Central High School, Pennington NJ   September 2016 - June 2020

Knowledge

Languages: Python, Typescript, Javascript, Java, React, HTML, CSS, C, Racket

Software: VSCode, Intellij, GitHub, Replit, Eclipse, DrRacket, discord.py, JUnit

Operating Systems: Windows, Linux

Projects

Mini-shell (C)   November 2021
- Wrote a shell program in C capable of executing multiple linux commands.

Discord Bot (python)   July 2021
- Designed simple discord bot created using discord's API to respond to messages and play games.

Photo Editor (Java)   June 2021
- Worked with a partner to create a fully functioning photo editor following the MVC design pattern.
- Included import/export functionality, image filters, and the ability to execute scripts.
- Created image representation text file readable by the program to export and import works in progress.

Solitaire (Java)   May 2021
- Built a solitaire game in Java, playable from the IDE console.
- Implemented thorough testing using JUnit.

Flood-it (Java)   March - April 2021
- Produced Flood-it game in Java with selectable board size, two player functionality, score and time record keeping.

Experience

JCC Princeton Mercer Bucks, East Windsor, New Jersey

Camp Counselor   Summer 2018 - 2020
- Worked with a team to ensure the safety of Elementary School children.
- Helped facilitate activities and implement an activity schedule.

Interests: Sports, Reading, Piano, Guitar, History