Mathew Hirsch

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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: 3.2/4.0
Related Courses:

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

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

Knowledge

Languages: Python, SQL, Typescript, Javascript, Java, React, HTML, CSS, C, Racket
Software: VSCode, Docker, Android Studio, DataGrip, Intellij, GitHub, Replit, JUnit
Operating Systems: Windows, Linux

Projects

TravelNow (Java)   Feb - April 2023
- Worked with a group to create an android app to search for local transit and flights.

CoveyTown (Typescript)   April 2022
- Worked on an existing codebase to improve existing twilio video implementation.

Photography Website (Javascript)   April 2022
- Created a react app hooked up to a heroku server, using Instagram API to get photos.

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

Photo Editor (Java)   June 2021
- Worked with a partner to create a photo editor following the MVC design pattern.
- Included import/export functionality, image filters, and the ability to execute scripts.

Solitaire (Java)   May 2021
- Built a solitaire game in Java, playable from the IDE console, tested with JUnit.

Flood-it (Java)   March - April 2021
- Created Flood-it game in Java with selectable board size and two player functionality.

Experience

PanoramaEd   June - December 2022
Survey Operations Co-op
- Used internal software to set up and QA surveys going out to thousands of students.
- Communicated across teams to ensure the correct outcome for the final product.

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: Baseball, Reading, Guitar, Cycling