Mathew Hirsch

https://mathewhirsch.netlify.app/ ▪ 609-955-6804 ▪ hirsch.m@northeastern.edu

Objective

Motivated developer looking for a software development role to gain new skills and professional development experience

Education

Northeastern University, Boston MA   September 2020 - May 2023

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.

Skills

Languages: JavaScript, SQL, TypeScript, Python, Java, React, HTML, CSS, C, Racket

Software: VSCode, Docker, Android Studio, DataGrip, IntelliJ, GitHub, Replit, JUnit

Operating Systems: Windows, Linux, Mac

Projects

Web Games (Javascript)   Sep 2023 - July 2024
- Designed a React app to host various web games using HTML's canvas element

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
- Collaborated with a small group, utilizing Scrum principles to update and improve an extensive codebase, focusing on improving existing Twilio video implementation

Photography Website (Javascript)   April 2022
- Created a React app using Instagram API to fetch photos
- Designed and implemented a custom Heroku server implementing CRUD operations

Tuiter (HTML, CSS, Javascript)   Jan - March 2022
- Created a twitter-like website during web development course, making improvements each week

Discord Bot (Python)   July 2021
- Developed 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

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 implementation of the final product.

Interests: Cycling, Baseball, Guitar