

# Mathew Hirsch

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## Objective

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

## Education

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**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.

## Knowledge

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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

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**Presidentle** (Javascript)

Nov 2023 - Jan 2024

- Designed a React app resembling a wordle type game to guess US presidents

**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)

January - 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

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**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