

# Hamza Haque

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Winnipeg, Manitoba

<https://www.linkedin.com/in/hamzahaque/> | <https://github.com/HamzaH30>

## PROFILE

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Graduating student in a dual-credit software development program. Proficient in multiple programming languages and frameworks, coupled with extensive experience in web technologies. Demonstrated leadership abilities through roles requiring adept management, effective teamwork, and clear communication. Academic excellence complemented by a keen sense of innovation. A valuable asset to forward-thinking software development teams.

## TECHNICAL SKILLS

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- **Programming Languages/Frameworks:** Python, JavaScript, Java, HTML, CSS, React, C#, .NET, SQL
- **Web Technologies:** Git, GitHub, Git Bash, REST APIs
- **Technical:** Web Automation (Python), Third-Party APIs (Python & JavaScript), Game development

## EDUCATION

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**Manitoba Institute of Trades and Technology (MITT) & Pembina Trails Early College (PTEC)** 2020 - Present

Winnipeg, Manitoba

- Enrolled in the dual-credit Software Developer program.
- Learning in an accelerated environment while completing high school.

**Fort Richmond Collegiate (FRC)** 2021 - Present

Winnipeg, Manitoba

## WORK EXPERIENCE

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**Independent/Freelance Tutor** 2019 - 2023

- Designed and led personalized math and programming sessions for ages 5-11.
- Enhanced student engagement using creative teaching methods for diverse learning styles.

## PROJECTS

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**Command Line Soccer Database Management System** March 2024

- **GitHub Link:** <https://github.com/HamzaH30/CourseProject-CommandLineDBManagementSystem>
- Developed a C# .NET-based CLI database system for soccer league management, supporting CRUD operations via SQL and Entity Framework.

**Global Tourism Website** March 2024

- **GitHub Link:** <https://github.com/HamzaH30/devhacks-2024-project>
- Using React, built a global tourism website with itinerary planner at a 24-hour hackathon

<b>Streaming Platform Website (Netflix Clone)</b>	June 2023
<ul style="list-style-type: none"> <li>- <b>GitHub Link:</b> <a href="https://github.com/HamzaH30/React-Netflix-Clone">https://github.com/HamzaH30/React-Netflix-Clone</a></li> <li>- Developed a Netflix-like streaming platform using React and TMDB API for dynamic content and responsive web design.</li> </ul>	
<b>JavaScript Card Matching Game</b>	January 2023
<ul style="list-style-type: none"> <li>- <b>GitHub Link:</b> <a href="https://github.com/HamzaH30/Matching-Game">https://github.com/HamzaH30/Matching-Game</a></li> <li>- Designed a JavaScript card matching game, featuring card shuffling, a move counter, and win alerts, enhancing user engagement with interactive gameplay elements.</li> </ul>	
<b>Kick The Bucket, Sock Puppets!</b>	January 2022 – May 2022
<ul style="list-style-type: none"> <li>- Developed an AI model with classmates and mentors to detect fake comments on YouTube, addressing misinformation.</li> <li>- Technologies Used: Auto ML, Python, JavaScript</li> </ul>	
<b>Stock News Alert Program</b>	August 2022 – September 2022
<ul style="list-style-type: none"> <li>- <b>GitHub Link:</b> <a href="https://github.com/HamzaH30/Stock-News-Alert-Program">https://github.com/HamzaH30/Stock-News-Alert-Program</a></li> <li>- Python program for stock alerts and related news via SMS based on 5% price changes.</li> </ul>	
<b>Internet Speed Twitter Complaint Bot</b>	August 2022 – September 2022
<ul style="list-style-type: none"> <li>- <b>GitHub Link:</b> <a href="https://github.com/HamzaH30/Internet-Speed-Twitter-Complaint-Bot">https://github.com/HamzaH30/Internet-Speed-Twitter-Complaint-Bot</a></li> <li>- Python program using Selenium Web Driver for auto-tweeting about poor internet speeds after tests.</li> </ul>	
<b>Musical Time Machine</b>	July 2022
<ul style="list-style-type: none"> <li>- <b>GitHub Link:</b> <a href="https://github.com/HamzaH30/Musical-Time-Machine">https://github.com/HamzaH30/Musical-Time-Machine</a></li> <li>- Python program that will create a Spotify playlist with the top 100 songs on any certain date.</li> </ul>	

## COMMUNITY INVOLVEMENT & EXTRA CURRICULAR ACTIVITIES

<b>Winner - Wetland Centres of Excellence National Case Study Competition</b>	2024
Awarded "Youth Wetland Expert" by Ducks Unlimited Canada	
<b>SHAD Fellow &amp; Ambassador</b>	2023 - Present
Participated in the prestigious STEM-focused SHAD program	
<b>FIRST Robotics Team Co-founder &amp; Lead Programmer</b>	2022 - Present
<b>Math Tutor - Kindergarten – Grade 7</b>	2022 - 2023
United for Literacy (Frontier College)	
<b>School Champion - Pascal Math Competition</b>	2021
University of Waterloo Pascal Competition	
<b>Canadian Cyber Defense Challenge (CCDC) &amp; Cyberpatriot Competitor</b>	2021
<b>Gold Medal Regional Science Fair - Best Computer Science &amp; Individual project</b>	2018, 2019
<b>Taekwondo First Degree Black Belt</b>	