

# Hamza Haque

Winnipeg, Manitoba, Canada

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## PROFILE

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Self-motivated dual-credit graduate from the Manitoba Institute of Trades & Technology (MITT) and Fort Richmond Collegiate (FRC). Equipped with direct college-level training in programming languages including JavaScript and C#. Proven work ethic, represented Manitoba at the 'Skills Canada 2024' competition, earning a Bronze medal after securing a Gold medal at the provincial level. Committed to continuous self-education, having independently learned PHP, Python, and other technologies alongside formal education at MITT and FRC. Passionate about leveraging hands-on project experience and problem-solving skills through an internship in software development.

## EDUCATION

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### Manitoba Institute of Trades and Technology (MITT) & Pembina Trails Early College (PTEC)

Dual-Credit Software Developer Program. Graduated: June 2024

## TECHNICAL SKILLS

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- **Languages/Frameworks:** C#, JavaScript, React, Python, HTML, CSS, .NET, SQL, Java, PHP
- **Tools & Technologies:** Git, REST APIs, Selenium WebDriver, Third-Party APIs, Game Development (Unity)

## AWARDS & ACHIEVEMENTS

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- **Bronze Medalist** – Skills Canada 2024 Web Technologies National Competition
- **Gold Medalist** - Skills Manitoba 2024 Web Technologies Provincial Competition
- **Winner** – MITT Capture-The-Flag Hackathon 2024
- **FIRST Robotics Team Co-founder & Lead Programmer** (Java)
- **National Ducks Unlimited Canada Case Study Research Competition** (2024)
- **SHAD Canada, Fellow & Ambassador** (2023)
- **Gold Medalist** – Regional Science Fair in Computer Science & Individual Project (2018, 2019)

## PROJECTS

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**TeamUP** (C#, .NET, SQL, CSS, HTML, Figma) - A collaborative project aimed at connecting gamers through a web platform based on individual game preferences and playstyles.

- Led full-stack integration of TeamUP, enhancing knowledge of MVC, teamwork, and agile project management.

**Global Tourism Website** (React, CSS, Mapbox API) – Developed a dynamic itinerary planner for a 24-hour hackathon

**Skills Manitoba 2024 Web Technologies Winning Project** (PHP, MySQL, HTML, CSS, Figma) – Designed and developed a mock website for Travel Manitoba within a 5-hour competition, incorporating PHP and MySQL for database integration. I won the provincial competition and competed nationally winning the bronze medal!

**Streaming Platform Website** (React, TMDB API) – Created a Netflix clone with dynamic content handling

**Soccer Database Management System** (C#, .NET, SQL) – Developed a CLI tool for soccer league management supporting CRUD operations

**AI Misinformation Project: Kick The Bucket, Sock Puppets!** (Python, JavaScript, Google Auto ML) - Collaborated with a multidisciplinary team to prototype and refine an AI model, enhancing the detection of fake YouTube comments.

**Stock News Alert Program** (Python, APIs) - Developed a Python-based application that alerts users via SMS about significant stock price changes, accompanied by relevant news articles

**Musical Time Machine** (Python, Beautiful Soup) – Developed a Python program that will create a Spotify playlist with the top 100 songs on any certain date

**Arcade Machine Project: "Food Fight"** (Unity, C#) - Led a team to create a 2D platformer game for an arcade machine, featuring a taco character overcoming traps and enemies.