

PROFILE

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

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

EDUCATION

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

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

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

Streaming Platform Website (Netflix Clone) June 2023

- **GitHub Link:** <https://github.com/HamzaH30/React-Netflix-Clone>

- Developed a Netflix-like streaming platform using React and TMDB API for dynamic content and responsive web design.

JavaScript Card Matching Game

January 2023

- **GitHub Link:** <https://github.com/HamzaH30/Matching-Game>
- Developed a JavaScript card matching game with shuffling, move tracking, and win notifications.

Kick The Bucket, Sock Puppets!

January 2022 –
May 2022

- Developed an AI model with classmates and mentors to detect fake comments on YouTube, addressing misinformation.
- Technologies Used: Auto ML, Python, JavaScript

Stock News Alert Program

August 2022 –
September 2022

- **GitHub Link:** <https://github.com/HamzaH30/Stock-News-Alert-Program>
- Python program for stock alerts and related news via SMS based on 5% price changes.

Internet Speed Twitter Complaint Bot

August 2022 –
September 2022

- **GitHub Link:** <https://github.com/HamzaH30/Internet-Speed-Twitter-Complaint-Bot>
- Python program using Selenium Web Driver for auto-tweeting about poor internet speeds after tests.

Musical Time Machine

July 2022

- **GitHub Link:** <https://github.com/HamzaH30/Musical-Time-Machine>
- Python program that will create a Spotify playlist with the top 100 songs on any certain date.

COMMUNITY INVOLVEMENT & EXTRA CURRICULAR ACTIVITIES

Winner & Gold Medalist – Skills Manitoba 2024 Web Technologies

2024

Awarded Gold Medal for 1st place achievement in provincial-wide competition

Winner - Wetland Centres of Excellence National Case Study Competition

2024

Awarded “Youth Wetland Expert” by Ducks Unlimited Canada

Winner – Earth Innovation Hackathon for the Future of Automotives

2023

Hosted by Brilliant Catalyst at Ontario Tech University, Oshawa

SHAD Fellow & Ambassador

2023 - 2024

Participated in the prestigious STEM-focused SHAD program

FIRST Robotics Team Co-founder & Lead Programmer

2022 - Present

Math Tutor - Kindergarten – Grade 7

2022 - 2023

United for Literacy (Frontier College)

School Champion - Pascal Math Competition

2021

University of Waterloo Pascal Competition

Canadian Cyber Defense Challenge (CCDC) & Cyberpatriot Competitor

2021

Gold Medal Regional Science Fair - Best Computer Science & Individual project

2018, 2019

Taekwondo – 1st Dan Black Belt