

SAMI NACHATI

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OBJECTIVE

Aspiring Software Development student seeking a co-op position to apply and expand my frontend and backend development skills, particularly in debugging and unit testing. I aim to contribute my strong problem-solving abilities and inquisitive mindset to a collaborative team, tackling challenges with innovation and determination.

HIGHLIGHTS OF QUALIFICATIONS

- Experienced in **problem-solving/debugging**, evidenced by my 4-month Coding Assistant job at Mohawk College
- Knowledgeable with integrating **unit testing for web applications and backend applications**, based on my 94% GPA in Software Quality & Testing
- Adept in backend and frontend technologies, demonstrated from 3 successful projects showing technical expertise
- Outstanding **communication and leadership skillset** demonstrated by my volunteer experience as a Camp Counsellor, coordinating and communicating to well over 20+ camp members and 13 Camp Leaders

EDUCATION

Computer Systems Technology – Software Development (86% GPA)

Sep 2022 - Present

Mohawk College (Advanced Diploma)

Hamilton, ON

- *Expected graduation: December 2025*

TECHNICAL SKILLS

- **Languages:** C#, Python, PHP, Java, JavaScript, SQL, HTML & CSS3
- **Development Tools:** ASP.NET, .NET 5+, Node.js, ReactJS, React Native, Bootstrap, JavaFX
- **Technologies:** Visual Studio 2022 IDE, Azure, Notepad++, IntelliJ, GitHub, Git, DBMS, Selenium
- **Concepts:** Object-Oriented Design, Data Structures & Algorithms, SDLC, Unit Testing
- **Database Systems:** Oracle, MySQL, Microsoft SQL Server

EXPERIENCE

Coding Assistant

May 2023 – Aug 2023

Mohawk College

Hamilton, ON

- Engineered Python algorithms for discrete math validation, helping over 100 students and reducing Professors' workload by 5+ hours weekly
- Conducted detailed analysis and refactoring of 50+ Python scripts, pinpointing and resolving performance bottlenecks and bugs, demonstrating strong attention to detail and problem-solving skills
- Enhanced Python scripts through rigorous debugging and unit testing, showcasing a keen eye for detail, which led to a 30% increase in execution speed

PROJECTS

Query Data Collector | C#, SQL

December 2023

- Crafted SQL queries within C# code, delivering precise data selections accurately from DoctorWhoDatabase

WeatherAPI | HTML, CSS, JavaScript (JSON)

May 2023

- Integrated API for real-time weather data, guaranteeing 97% accuracy in city-specific forecasts, elevating user experience with precise data retrieval.

RainDash | HTML, CSS, JavaScript, SVG, Bootstrap

March 2023

- Developed a web-based game with JS code, enhancing collision detection by 95% while ensuring smooth gameplay

LEADERSHIP

Camp Counsellor

June 2019 – July 2019

Muslim Association of Hamilton

Hamilton, ON

- Effectively managed and supervised groups of 25-30 camp members, providing guidance and support for a positive experience
- Ensured safety and well-being through daily checks, fostering a secure and inclusive environment for 50+ campers.
- Pioneered and tailored engaging recreational activities for campers, fostering a 99% participation rate and enthusiastic engagement