

SAMI NACHATI

+1(289) 689 6392 | sami.nachwati@mohawkcollege.ca | [LinkedIn](#) | [Github](#) | [Portfolio](#)

OBJECTIVE

Motivated Software Development student eager to join a co-op program where I can apply and enhance my programming skills. I am keen to contribute my robust problem-solving abilities and a proactive, inquisitive mindset to a dynamic team environment, embracing challenges with innovative solutions and determination.

HIGHLIGHTS OF QUALIFICATIONS

- Experienced in **problem-solving and 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 interpreting technical specifications and managing software projects**, as shown by successful 3 projects.
- **Exhibited exceptional communication and leadership abilities as a Camp Counselor**, adeptly building and managing relationships with over 20 camp members and 13 leaders, ensuring effective collaboration.

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

Tools: ASP.NET, Node.js, ReactJS, React Native, Bootstrap, JavaFX, MySQL, Microsoft SQL Server

Other: Git, SDLC, MVC, Unit Testing (Selenium)

EXPERIENCE

Coding Assistant

May 2023 - Aug 2023

Mohawk College

Hamilton, ON

- Engineered **Python** algorithms for discrete math validation, aiding 100+ students while reducing Professors' workload by 5+ hours weekly
- **Documented** and **modularized** 1200+ lines of Python code, enhancing readability and efficiency
- **Debugged** and **troubleshooted** 50+ Python scripts, leading to a 30% increase in execution speed
- **Developed** and **integrated** 15+ discrete math quizzes with **HTML & CSS**, demonstrating creative thinking and attention to detail

PROJECTS

Query Data Collector | C#, SQL

December 2023

- Crafted **SQL queries within C# code**, delivering precise data selections accurately from [DoctorWhoDatabase](#).
- **Applied technical specifications and requirements in GUI Application**, demonstrating keen understanding of assignment requirements and criteria.

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

- Implemented **JavaScript event handlers** for precise **SVG** collision detection between player and objects, contributing to seamless and interactive gameplay.

LEADERSHIP

Camp Counsellor

June 2019 - July 2019

Muslim Association of Hamilton

Hamilton, ON

- **Demonstrated emotional agility in effectively managing and supervising groups of 25-30 camp members**, providing guidance and support for a positive environment.
- 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, **leading to a participation rate of 99%**.