

# Nora Cha

Hamilton, ON | [LinkedIn](#) | [dasol.cha@mohawkcollege.ca](mailto:dasol.cha@mohawkcollege.ca) | 905-971-7604

---

## Summary

- High-achieving Software Development student at Mohawk College with a GPA of 98.6%, consistently recognized on the Dean's Honour List and awarded academic scholarships each semester.
  - Skilled in developing interactive and responsive applications, such as an online JavaScript Whack-a-Mole Game featuring SVG graphics and a Java Ticket Scanning App with validation and real-time feedback.
  - Demonstrated teamwork and leadership abilities through roles as a Mathematics Tutor, Workshop Facilitator at CODEfest, and Orientation Ambassador, with a strong focus on collaboration and delivering user-centric solutions.
- 

## Education

### Mohawk College

Advanced Diploma; Major in Software Development

*Hamilton, ON*

*Sep 2023 – Present*

- GPA: 98.6%
  - Consistently recognized on the Dean's Honour List for every completed semester.
  - Awarded academic scholarships after each semester.
  - Currently Learning Data Structures and Algorithms, Mobile Web Programming, Project Management for Information Technology, Contemporary Ethical Issues, Software Development Tools & Practices, and Web Applications ASP.NET.
- 

## Technical Skills

- Programming Languages: Python, Java, C#, JavaScript, PHP
  - Frameworks & Tools: .NET Framework, Unity, Bootstrap, JavaFX, AJAX, JSON, Selenium
  - Web Development: HTML, CSS, Model-View-Controller (MVC), RESTful APIs, WordPress
  - Testing & Quality Assurance: Unit Testing, Web Testing, Test Planning, Test Automation, Grey/White/Black Box Testing, Static Testing
  - Database Management: SQL, Database Normalization
  - Software Development: SDLC, Object-Oriented Programming (OOP), Agile & Waterfall Methodologies, Unified Modeling Language (UML)
  - Version Control: GitHub
  - Mathematics & Reasoning: Computer Mathematics, Discrete Mathematics, Statistics, Problem Solving, Reasoning Skills
  - Currently Learning: React, React Native, NodeJS, Express, SQLite, Redis, Expo SDK, Data Structures & Algorithms, IT Project Management, Software Dev Tools (Shell Scripting, Git, CI/CD, Debugging, Pair Programming), ASP.NET (Razor, Blazor, Entity Framework, Web API, Authentication & Authorization, CRUD)
- 

## Certification

Digital Fluency Accelerator Micro-credential, eCampusOntario

*Jan 2024*

# Nora Cha

Hamilton, ON | [LinkedIn](#) | [dasol.cha@mohawkcollege.ca](mailto:dasol.cha@mohawkcollege.ca) | 905-971-7604

---

## Work Experience

### Mathematics Tutor – Mohawk College

*Feb 2024 – Present*

- Tutoring Mathematics for Computer Studies course at St. Jean de Brébeuf Catholic Secondary School and Cathedral High School as a part of Mohawk College's Early College Graduation Program (P-TECH), helping students successfully pass the course.
- 

## Projects

### Whack-a-Mole Game

- Technologies: JavaScript, HTML, CSS, Bootstrap, SVG
- Created an interactive, responsive game with dynamic SVG graphics, difficulty levels, real-time score tracking, and audio effects, leveraging Bootstrap for responsiveness.

### Ticket Scanning App

- Technologies: Java, JavaFX
  - Designed a ticket scanning and validation application that supports both manual code entry and integration with scanners. Manages tab-delimited text files for ticket data, validates ticket codes, updates statuses, and provides audio feedback for valid and invalid codes.
- 

## Volunteer Experience

### Workshop Facilitator – Mohawk College

*May 2024*

- Taught software development, network systems and other technology-related concepts to elementary school students who attended the annual CODEfest event, managing a class of 20-40 students.

### Student Volunteer – Mohawk College

*May 2024*

- Volunteered for SIGMA at Mohawk College, a competition for high school students keen on exploring practical applications of mathematics and statistics across various interdisciplinary fields, welcoming and guiding visiting student competitors and guests.

### Orientation Ambassador – Mohawk College

*Jan 2024, Sep 2024*

- Helped at the various activities during welcome week, including volunteer leadership development and training, residence move-in, Day One, and Day Two. Duties included welcoming new students, answering questions, directing, handing out materials, and assisting with games and activities.