Ehsan Syed

e7syed@uwaterloo.ca
647-819-0832
frosty.pages.dev

SUMMARY OF QUALIFICATIONS

Languages/Tools: Python, HTML/CSS, SQL/SQLite, Figma, VSCode, Replit, DrRacket, Jupyter Notebook, Google Workspace

Soft Skills: Fast-learner, strong work ethic, initiative, time management, problem-solving

RELEVANT EXPERIENCE

PROJECT: Sudoku Solver

- Implemented a **backtracking algorithm** to solve a Sudoku board with **Python**.

PROJECT: Wavey | *Hack The North 2021*

- Created a note-taking assistant by using gestures, to screenshot and transcribe text
- Used **OpenCV**, **mediapipe** and **object-oriented programming** through **Python** for hand and gesture recognition through the user's webcam and **OCR** for transcription, with a **Figma** design prototype

PROJECT: Personal Portfolio

- Used basic **HTML/CSS** to create a static portfolio website.

WORK EXPERIENCE

Wallace & Carey Inc. | *General Labourer*

JUN 2021 - AUG 2021

- Reorganized a 1000+ square foot freezer to increase order picking efficiency

Metro Inc. | *Cashier*

FEB 2019 - AUG 2019

- Memorized a few hundred produce codes to ensure faster checkout

Islamic Relief Canada | *Volunteer*

Sep 2016 - Dec 2021

- Used Excel, Word to manage donor information
- Helped organize food deliveries during COVID-19 with a team of 6 by mapping efficient routes through the GTA, stored info in Google Sheets

EDUCATION

University of Waterloo, — *Bachelor of Mathematics*— 3.5 GPA

September 2021 - April 2026 (expected)

Relevant Courses: Designing Functional Programs, Elementary Algorithm Design and Data Abstraction