


# OM PATEL

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## SKILLS

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**Languages:** C++, Java, Python, HTML, CSS, JavaScript, SQL

**Technologies:** Git, CockroachDB, Azure

## PROJECTS

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### BaymaxBot

May 2021

**1st place** submission to JAMHacks V

- Created Discord bot with team using **discord.js** to detect signs of depression in messages

### Motivals

May 2021

Submission to TOHacks 2021

- Created website with team to incentivize habit-building with a virtual pet
- Responsible for the back-end, set up a local server with **CockroachDB** and **SQL**

### FFT Implementation

May 2019

- Learned about the fast Fourier transform for multiplying two polynomials through online lectures
- Implemented a recursive version of the algorithm in **C++**

### Friend Racer

June 2019

ICS4U final project

- Created a side-scroller game with partner using **Java** and JavaFX to teach social skills

### Personal Website

August 2021

- Designed and created a personal website using **HTML** and **CSS**

## EXPERIENCE

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### Uplift Ontario

August 2020 to July 2021

**Treasurer**, Volunteer position

- Registered homelessness non-profit
- Helped budget, plan, and raise over **\$4,000** for volunteer activities with shelters
- Created and presented financial statements

## EDUCATION

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### University of Waterloo

September 2021 to April 2026

**Bachelor of Computer Science**, BCS

- 83% or 3.6 overall average
- Faculty of Mathematics National Scholarship (**\$15,000**)

### Certifications

May 2021

- Microsoft Certified: Azure Fundamentals
- Introduction to Distributed SQL and CockroachDB
- Practical First Steps with CockroachDB

### Online Coursework

Various

- Bioinformatics for Beginners, UC San Diego *on Coursera*
- The Special Theory of Relativity, Stanford University *on Coursera*

## AWARDS

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### DECA

February 2020

**Provincial Champion**, Business Finance Series

### CyberPatriot

January 2021

**1st place** team, Platinum division

- 2nd place team, CyberTitan IV National Finals, May 2021
- Responsible for the **Cisco** IT component, along with one other teammate

### Math Contests

Various

- AMC 12B 2021, scored 102, **AIME** qualifier
- Canadian Open Math Challenge 2020, scored 62, **CMO Qualifying Repechage** qualifier