


OM PATEL

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 omster8






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SKILLS


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

Technologies: Git, CockroachDB, Azure, Figma

PROJECTS

- 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
- Collaborated with team to create website that incentivizes 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
 - Successfully implemented a recursive version of the algorithm in **C++**
- Friend Racer**  June 2019
Grade 12 Computer Science course, final project
- Created side-scroller game with partner using **Java** and JavaFX to teach social skills
- Personal Website**  August 2021
- Designed and created personal website using **HTML** and **CSS**

EXPERIENCE

- Uplift Ontario**  August 2020 to July 2021
Treasurer, Volunteer position
- Registered nonprofit that works with food banks and homeless shelters
 - Helped budget, plan, and raise over **\$4,000** for youth volunteering events
 - Created and presented financial statements

EDUCATION

- University of Waterloo** September 2021 to April 2026
Candidate for **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

- DECA** February 2020
Provincial Champion, Business Finance Series
- CyberPatriot** January 2021
1st place team nationally, 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 Repêchage** qualifier