

## Highlights of Qualifications

- 3<sup>rd</sup> year Computer Science student seeking coop in April/May 2023.
- Currently a Student Trainee at TechMahindra.
- Coding and Programming Instructor at Google Student Developer Clubs, McMaster University.
- Pursuing Cloud Computing Certification AZ-900 by Microsoft.
- Member of Executive Board and Student Representative Assembly for McMaster Student Union.

## Education

Bachelor of Engineering, **Computer Science**, Minor in **Economics**  
McMaster University, Hamilton ON

Expected Graduation: September 2024

**Core Courses:** Software Development, Automata and Computability, Databases, Concurrent Systems

## Projects

**Real Time Voice Cloning - [GitHub Repo](#)**  September 2022

- Designed an application which can replicate any human's voice with accuracy
- 5 seconds of audio is sufficient to create a working Machine Learning model of any human.
- Used various packages in python such as PyTorch and librosa.

**C++ Register System**

July 2022

- Created an application in C++ to increase knowledge of libraries relating to databases.
- Developed a producer side for one company where the producer can choose what goods the buyers can purchase and created a buyer side where the buyer can choose what good he/she wants to buy from available options.
- The application provides the buyer with the total dollar value after discounts.

## Skills

**Software:** Machine Learning, GO, Python, C/C++, SQL, Java, HTML/CSS/JavaScript, Latex, Haskell, MATLAB, R

**Soft Skills:** Time Management, Planning, Coordination, Organization, Public Relations, Leadership

**Languages:** English, Hindi, Urdu and Punjabi

## Extra-Curriculars

**Outreach Core Team Member, Google Developer Student Clubs,  
McMaster University**

September 2020 - September 2021

- Planned Coding Nights at Google DSC McMaster, developed numerous webinars, and organized a Breaking into Tech panel, resulting in increased membership which made the McMaster Chapter the 2<sup>nd</sup> largest Google DSC Chapter in North America.
- Contributed to the planning of Solutions Incubator Program by promoting it's uses for the Google Solutions Challenge which resulted in excellent contributions from the McMaster Chapter.

## Work Experience

**Campus Events Technician | McMaster University**

May 2022 – Present

- Troubleshooting equipment used for events such as audio, video equipment.
- Setting up registration systems to allow students to access event resources.
- Ensuring equipment is functional for events from various clients.

**MacChangers | Faculty of Engineering, McMaster University**

September 2020 – September 2021

- Helped small businesses with quarantine planning by research analysis and solution testing to align their ideas to stakeholder's needs and allowing the best growth rate for the business.
- Created strategic pathways to advance and Promote sales in Hamilton by outlining specific steps businesses should take to make the best out of the pandemic and the resources that they had at the time which helped a lot of businesses grow and not die out due to lack of funding at the time.

**Library Assistant | OneUp Library, India**

June 2019 - September 2020

- Assisted with library duties such as organizing and storing books and helping customers at pickup.
- Introduced an easy-to-use book renting software known as EZ RentOut at the store which helped reduce costs.
- Actively assisted customers with picking books that suited them.