

## SUMMARY:

- 3+ years of experience overseeing and expanding student participation in initiatives through social media and interactive events
- Built partnerships and collaborations for club and nonprofit events, ensuring impactful programming and greater accessibility for students in STEM and math initiatives
- Experience in academic research, strengthening analytical and critical thinking skills
- Computer skills: Python, Excel, Blender, Flutter

## EDUCATION and AWARDS:

**Honours Bachelor of Science, Computer Science** – University of Toronto **Sep 2024 – April 2028**  
Coursework: Calculus with Proofs, Linear Algebra, Foundations of Computer Science I, Introductory Statistics  
Howard Ferguson Admission Scholarship – Recognition as an outstanding student from outside Ontario.  
**TD Scholarship For Community Leadership** **May 2024**  
One of 20 Canadian students selected from 3100+ applicants in recognition of significant community leadership.

## EXPERIENCE:

**Private Math Tutor** **Jan 2022 – Present**  

- Motivated 20+ students with personalized learning strategies, improving their confidence and academic performance
- Tailored tutoring methods to match individual learning styles, fostering a supportive environment that enhances student comprehension and retention

**Student Research Associate, University of Calgary** **July 2023 – April 2024**  

- Analyzed hemodynamic forces as a biomarker for heart disease in rTOF affected patients and healthy controls under the supervision of Dr. Julio Garcia Flores
- Presented a research poster at the ISMRM Conference in May 2024

**STEMinmotion Founder and Co-President** **March 2021 – June 2024**  

- Co-founded an international non-profit to bridge educational gaps in STEM, enabling junior high students to access advanced curricula regardless of financial barriers, inspiring future innovators
- Organized educational events and accessible tutoring sessions at science museums and online, directly impacting over 1,000 students in underserved communities

## PROJECTS

**Aqualens Water Quality Testing App Developer** **Sept 2024 – Present**  

- Collaborated with UofT's Centre for Global Engineering to develop a water quality analysis app, aiming to improve access to safe water for 100+ communities in areas with unreliable water quality across Mexico
- Used Flutter for the frontend and Python for backend data processing, enabling seamless collaboration with a multidisciplinary team

**Analysis on the Effect of COVID-19 on Individuals' Life Satisfaction by Age** **Nov 2024 – Dec 2024**  

- Conducted statistical analyses using multiple linear regression, decision tree classification, and hypothesis testing, revealing any age-specific trends in life satisfaction impacted by COVID-19 using survey data from the Canadian Social Connection Survey