

Saurabh Nair

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EDUCATION

University of Toronto (Mississauga)

B.Sc Computer Science & B.A Economics [Double Major], CGPA- 3.80

September 2023 – June 2026

Awards: Dean's List Scholar (2022,2023), University of Toronto International Scholar Award (2022), University of Toronto Scholar (2022)

EXPERIENCE

Residence Facilities Assistant

September 2023 – Present

UTM Student Housing & Residence Life

Mississauga, ON

- Specialized in data analysis, facility enhancements, and inventory strategies. Revitalized the Furniture Data inspection system by making it online thus improving efficiency in data-handling for over *4000 students* in Residence.
- Excelled in communication and independent work. With strong organizational skills, was able to support project launches, manage key profiles, and collaborate effectively with other organizational structures within UTM.

MAT 102 FSG Facilitator

September 2023 – Present

Robert Gillespie Academic Skills Center (RGASC)

Mississauga, ON

- Planned and delivered weekly tutoring sessions for over *40 students* and successfully collaborated with FSG teams, course instructors and teaching assistants for an ideal teaching plan for efficient and successful student understanding.
- Promoted FSG sessions by creating illustrative advertisements through software tools such as *Canva, Figma and Adobe Illustrator* for attractive advertisements to promote engagement among students leading to a *25% attendance increase*.

Student Engagement Coordinator

September 2023 – Present

UTM MCSS, UEC, HSC, MHSA, UTMSU

Mississauga, ON

- Led multifaceted marketing, digital media, and research initiatives for the Mathematical and Computational Sciences Society on campus, driving engagement and promoting organizational objectives using *Canva, Figma*.
- Orchestrated strategic campaigns, leveraged social media platforms for the Student Union, and conducted data analysis to enhance visibility, foster inclusivity, and address community needs for the Undergraduate economics council.

Student Council Head

April 2021 - March 2022

Abu Dhabi Indian School

Abu Dhabi, UAE

- Managed over *3000 students* for Guinness world record attempt to make largest infinity sign out of people thereby netting *2 world records*, one being a collaboration with the Ministry of Environment (MoE) in Abu Dhabi.
- Incorporated mental health initiatives into school by introducing access to mental health resources and therapy resources within the school clinic and brought world-renowned speakers to speak to our general student body.

PROJECTS

File-Map Visualizer | *Python, Pygame, MYSQL, MySQL Connector*

- Modeled a file storage visualizing system with Trees in Python, displayed with *Pygame* by modeling colors by file types.
- Made the visualization possible for *MYSQL* data by using *MYSQL* as data storage made accessible to python using the *MySQL connector*. Data fed through *MYSQL* was illustrated in a digestible manner using this system.

Minds-snatcher | *Java, JavaFX, Figma, Audacity, Javafx.sound*

- Created a user-friendly game in *Java* with controls and a user interface. Made it interactive with a display made with *JavaFX*, modeled using illustrations designed with *Figma*.
- Added sounds and voices to the game using *Audacity* and voice recordings from peers to make it personable. Integrated the voice recordings and game sounds into *Java* using *Javafx.sound* to integrate audio files.

TECHNICAL SKILLS

Technical Languages: Java, Python, C, MySQL, JavaScript, R

Developer Tools: Git, Google Cloud Platform, VS Code, PyCharm, IntelliJ

Libraries: NumPy, Matplotlib

Languages: English, Hindi (native), Malayalam (native), Arabic (certified diploma), French (novice).