

Shahin Imtiaz.

I am a mental health & accessibility advocate, with software engineering & machine learning chops

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EXPERIENCE

Machine Learning Developer

JAN - MAY 2020

— Sick Kids

- Built machine learning models to detect cancer in children.
- Found **mutational signatures 50% more accurately** than the current algorithmic approach used by researchers.
- Due to be published in 2021.

Full Stack Developer Intern

MAY 2020 - PRESENT

— Vena Solutions

- Working on the distributed database and data visualization teams.
- Researching machine learning methods to generate realistic financial data models for E2E testing.
- Leading the implementation of web content accessibility guidelines.

Teaching Assistant

2018 - 2020

— UofT Dept. of Computer Science

- **Recommended by several faculty members** to be one of less than 10 generalist help centre TAs.
- Taught computer science courses up to the 3rd year level.
- Co-founded mental health advocacy body which was spotlighted on national media

Vice President

2016 - 2017

— University of Toronto Student Union

- Created the first fully accessible Orientation and events roster at UofT for **25,000 frosh students**.
- Collaborated with different levels of government technology based initiatives for student mental health and sexual assault reporting.
- **Trained hundreds of student club executives** in accessibility, equity, and leadership.

EDUCATION

University of Toronto

HBSc - Computer Science,
Psychology

DEC 2021

DEVELOPMENT

Python	Docker	HTML/CSS
Java	Racket	OpenCV
React	Tensorflow	

LANGUAGES

English	Hindi	Assamese
French	Bengali	Urdu

PROJECTS

Completed original research project in computer vision: A novel Simultaneous Location and Mapping (SLAM) algorithm.

Launched a game at the Level Up Toronto Showcase 2018 and at Ubisoft Toronto.

OTHER

Community mentor, working to connect student entrepreneurs to industry experts and **supporting them in their startup process** at UofT Entrepreneurship Hatchery.