

Samyak Mehta

746 Brimorton Drive, Toronto, ON, M1G 2S3

416-289-7276 | samyak.mehta@mail.utoronto.ca | www.linkedin.com/in/Samyak-Mehta2 | www.github.com/Samyakk123

EDUCATION

Honours Bachelor of Science, Computer Science Co-op

University of Toronto Scarborough, ON

- Specialist program in Software Engineering and Major in Statistics
- Cumulative GPA: 3.72 (out of 4.0)

PROJECTS

Mock Linux Shell

June 2020 – August 2020

Freelance, Toronto, ON

- Used the Scrum agile software design process to effectively communicate amongst group members by holding regular meetings in order to complete the project with minimal complications
- Collaborated and implemented various software design patterns to complete the project with an effective coding design that can be used to support future expandability
- Performed J-Unit testing to verify the efficiency and consistency of our code alongside edge cases

Connect Four

Sept 2020 – Dec 2020

Freelance, Toronto, ON

- Created an interactive GUI using Java Swing and WindowBuilder with player vs player and player vs AI compatibility
- Effectively implemented the minimax algorithm to mimic the various difficulties offered to users playing alone
- Performed Alpha-beta pruning to significantly increase the efficiency and speed allowing for easier gameplay

Titan Destroyer

Mar 2018 – Jun 2018

Woburn CI, Toronto, ON

- Used PyCharm to create an interactive side-scroller game with custom designed classes to create autogenerating waves of titans and lasers
- Used a greenscreen to place ourselves as inanimate characters randomized upon starting of the game
- Initiated daily meetings to ensure effective communication and updates amongst partners

EXPERIENCE

Academic Representative

Sept 2020 - present

AMACSS (The Association of Mathematical And Computer Science Students), Toronto, ON

- Hold regular weekly office hours for first years to come and ask for assistance in course material
- Organize and conduct seminars prior to midterm and finals for first year courses

Camp counsellor

June 2019 – Aug 2019

YMCA, Toronto, ON

- Teach campers a range of outdoor activities and ensure recreation equipment is used effectively, secured and stored safely
- Take attendance alongside planning and overseeing camper activities throughout the days up till after care child pickup
- Ensure camper safety and monitor their activities and supervise during meal

YIPI (Youth in Policing Initiative)

Aug 2018 – Dec 2018

Toronto Police Service, Toronto, ON

- Planned and assisted with setting up, conducting, and presenting various policing events throughout the day
- Provided assistance with day to day tasks such as organizing information and creating PowerPoints
- Spoke to the public about police involvement, visited daycares and spoke to the public about available services and programs