

# Ayah Rosanally

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A driven second-year Computer Science student at the University of Toronto always looking for opportunities to grow and learn more.

## Education

### University of Toronto

*Bachelor of Science, Computer Science Specialist*

GPA: 3.77/4.0

Certificate of Bilingualism (French and English)

2019 – 2023

Toronto, ON

## Skills

**Skills** Java (2 years exp.), Python (1 year exp.), Microsoft Office, LaTeX

**Skills in progress** Git, R, Unix, C

## Projects

[Devpost-Pantomime](#)

### English to Sign Language translator (Python) *Hackathon (March 2020)*

- \* Created a program that translates spoken words into sign language by listening to a speaker and displaying a video representation of the text in sign language.
- \* Worked on the front-end development of the project using the tkinter package to create a GUI

### Blocky Game (Python) *University project (March 2020)*

- \* Created a fun and interactive game that showcases skills in modelling hierarchical data using trees, implementing recursive operations on trees, and using inheritance to design classes
- \* Debugged with Doctests, test suites using Pytest, and property-based tests using Python's Hypothesis library to make sure our project works

[Github-MovieLibrary](#)

### Movie Library (Java) *High School project (June 2019)*

- \* Built a GUI which displays a library that stores information related to a movie
- \* Practiced concepts such as polymorphism, inheritance and making a GUI using AWT and Swing libraries in Java.

## Experience

### Youth Technology Camp

*Camp Leader*

Apr. 2019

Brampton, ON

- Volunteered at a high school youth camp to teach them about technology
- Led an activity that teaches students about Arduino Uno through beginner projects such as making a traffic light

### Girls in STEM

*Classroom Assistant*

Oct. 2019 – Apr. 2020

Toronto, ON

- Created an inclusive environment for all students by making sure that they understood the workshops and were engaged in them
- Ensured safety of the group of students while walking around the U of T campus
- Communicated with parents about general inquiries and about feedback on the workshops