

# Wasee Alam

## Computer Science, University of Toronto

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### Experience

Junior Developer & General Volunteer - Parents Engaged in Education June 2021 - Present

- Developed data organization and compilation algorithms to parse, scrape, and store important data.
- Perform general administrative and up keeping tasks at the Education Bank which serves over 300 marginalized families by providing them with access to school supplies, amenities, and technologies.
- Developing various STEM initiatives to aid in the personal development of students in Grade 9-12, resulting in 40 individuals participating.

Math Tutor - East Scarborough Boys & Girls Club June 2019 - March 2020

- Volunteered as a part of the Stay In School program as a tutor and mentor for at-risk youth.
- Adapted my teaching style to suit the needs of individual students, increasing their learning and potential.
- Built strong relationships with students by serving as an academic role model, and working diligently to help them set and achieve their goals.
- Ensured all items met the organization's mandate while providing critical support for youth.

Coding Club Co-President/Co-Founder - Sir Wilfrid Laurier C.I. April 2019 - June 2020

- Led a team of 3 individuals to execute a variety of events and talks which highlighted the benefits of programming.
  - Deliver an immersive and in depth course on Object Oriented Programming with a focus on Python and Java teaching over 13 students.
  - Created and answered mentally stimulating questions and challenges for interested parties, enhancing student and personal growth.
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### Technical Skills

- Python: Anaconda, Pygame, scikit-learn, Tkinter, Beautiful Soup 4, Discord API, Pickle
  - Java: Java Swing, OpenCSV, OOP (Object Oriented Programming)
  - Website: HTML, CSS
  - C: Learned about pointers, and more efficient prime sieves.
  - Linux/Unix, LATEX, Microsoft Office, Sony Vegas Pro 16, HitFilm Express
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### Education

University of Toronto St. George September 2020 - Present

- Honours Bachelor of Science (Computer Science)
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### Personal Projects & Events

- Java - Banking Project: Created a fully fledged banking system with a GUI using graphs for friends and e-Transfer functionality. Java Swing and OpenCSV were used. 2021
  - Python - L.S.B.U. Hackathon: Placed 3rd in this Hackathon for our Python vaccine distribution app. Many libraries including plotly, pandas, and tkinter were used. 2021
  - C - RSA Encryption: Encrypts messages using the RSA Encryption technique, created using C. 2021
  - Python - QR Code Database: Create organization and compilation algorithms to scrape existing data for the database. 2021
  - Website Development: Created a resume website using HTML and CSS; wasee.netlify.app 2021
  - Certification: Java Course Completion Certificate 2021
  - Python - TDSB ECOO Programming Contest: Competed in a programming contest using Python. 2018
  - goIT Certificate of Achievement: Certified trainer for the goIT Student Technology 2018
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### Additional Information

- Certification: Ontario Drivers License
  - I possess excellent communication and leadership skills.
  - Canadian Citizen (Permitted to work in Canada.)
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### Languages:

- English (Fluent)
- Bengali (Spoken)