

# SALWA ABDALLA

DEPARTMENT OF COMPUTER SCIENCE  
UNIVERSITY OF TORONTO ST. GEORGE

(647) 557-6362  
salwa.abdalla@mail.utoronto.ca  
<https://sms-sudo.github.io/>  
github.com/sms-sudo

## EXECUTIVE SUMMARY

- experienced in object-oriented programming, testing and debugging
- python, java, C, R proficiency
- excellent work ethic in both independent and collaborative settings

## EDUCATION

### University of Toronto, St. George

Department of Computer Science 2020 - Present

- Clifton Graham Roberts award
- Professor William Kingston And Dr. John Kingston Scholarship
- \$6,000+ scholarships
- 3.7 GPA

### Don Mills Collegiate Institute

OSS Diploma | 2016 - 2020

- Lieutenant-Governor's Volunteer Award
- Summa Cum Laude Award
- 16 Semester Honor Roll
- 4.0 GPA

## NOTABLE SKILLS

- MOOSE Team Contest
  - 2018/2019 first place representing Don Mills Collegiate Institute
- DMOJ organization
  - planned DMPG (coding gala) that had 250+ participants
- Top 4 rank in hackathon SheHacks 2022

## WORK EXPERIENCE

### University of Toronto, St. George

Rotman Commerce Prof. Nico Lacetera | 2021 - Present

- Data Analysis on Covid-19 specific economic and social effects

### Partners In Health

Video Animator | 2021 - Present

- Script Writer, Video Animator and Public Outreach on educating and recruitment of Public Health Workers

### Harvard Medical School

Curriculum Curator | 2019

- Created course content for 2nd Year Harvard Essentials
- Script writing/animation/voicing 4+ videos on medical, genetics and biological related topics, continued current use

## LEADERSHIP

### Canadian Association for Girls in Science

Toronto Coordinator | 2015 - Present

- award-winning non-profit organization for girls that supports interest in STEM
- organized monthly events to enable young girls to explore STEM with fun, hands-on activities led by women and men who are experts in a variety of STEM fields (serving approx. 75+ girls)

### Flemingdon Park Parent Association

Youth Director | 2013 - Present

- spearheaded the creation of various mental health initiatives and an enriched mathematics program (personally supervising approx. 20+ youth)
- experience in applying for grants, and organizing/coaching for community sport house league (approx. 300+ youth)

## PERSONAL PROJECTS

- Real Life Flight Planner
  - Using Aviation Stack, web-based interface that allows for searching, booking, and saving of real life flights
- Odd Oxygen
  - Cross disciplinary analysis and GUI visualization program for Canadian emission levels since 1970 and the effects of regulations introduced
- Dotify: A graph-based playlist generator
  - A customizable GUI software that generates spotify playlists using graph theory based on the Kaggle Spotify Dataset