


# Sophia Abolore

## Artificial Intelligence Intern


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[Website](#)

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 75 St. George Street,  
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### SKILLS

- Python (3 years)
- Java (3 years)
- Swift (1 year)
- html, css javascript (2 years)
- Wordpress (1 year)
- TensorFlow
- Yolov4

### AWARDS

- University of Toronto National Scholarship (~\$100,000)
- CanU Lead award
- Lifetouch humanities scholarship
- Archibald MacMurphy scholarship
- Pandora Poetry Competition winner
- University of Toronto book award
- Shaftesbury volunteer scholarship
- TD scholarship semi-finalist
- Voices for Change poet

### REFERENCES

Available upon request



### Education

University of Toronto  
*Bachelor of Science (B.Sc)*  
*Computer Science specialist*  
*and Cognitive Science major*

*Expected graduation 2024*



### Career Objective

A first year computer science student at the University of Toronto planning to focus on AI research and engineering. I currently work part time as a junior software developer, where I build machine learning models and develop iOS applications. I'm also a member of the University of Toronto's Autonomous Vehicle team. I'm very passion about Autonomous Vehicles and their integration into society, and would love to work in AI research.



### Professional Experience

Manrex Limited, Winnipeg Manitoba

*Software Developer, Aug 2020-Present*

- Designing and developing an iOS application using Swift.
- Creating a TensorFlow machine learning model for object detection using yolov4
- Collecting, organizing and presenting data.

Manrex Limited, Winnipeg Manitoba

*Software Development Intern, Jun 2020-August 2020*

- Built an easy to navigate website with Wordpress
- Designed and developed an app using Swift
- Created templates for landing pages, social media, mail-outs and digital board advertisements.
- Created forms for new and existing websites.
- Implemented an algorithm for pricing quotes

Two Small Men, Winnipeg Manitoba

*Part-time Software & Technology Project Associate, Jul 2020-Aug 2020*

- App development consulting
- Defining data sets
- Integrating Software
- Web Development



### Projects and Involvements

Autoronto, Toronto Ontario

*Systems Team Member, Aug 2020-Present*

- (University of Toronto's competitive Autonomous Vehicle development group).
- Working with ROS, C++, Python and robotics systems.
- Developing integrated tests with other sub-team.
- Designing and documenting system architecture and interfaces.
- Writing reports for the AutoDrive competition.
- Delivering high quality pitches and presentations to judges.
- Commitment: 10 hours a week

## Web development Project

### *Upside*

- (A mental health website to help teenagers and young adults understand the biological and physiological aspects of their emotions and methods of dealing with them)
- Directing psychological research.
- Web design and architecture.
- Web development with HTML CSS and javascript.

## Data Science Project

### *Map Timeline Slider*

- (An application displaying the changes in CO2 emissions from fossil fuels from 1875 - 2010)
- Data filtering and retrieval
- Graphing data and designing interface with pygame, geopandas and matplotlib and numpy.
- Working with data set.

## Youth Parliament of Manitoba, Winnipeg Manitoba

### *Parliamentary Secretary to Public relations August 2020 - November 2020.*

- (Volunteer led program for youth interested in politics and public policy)
- Created promotional material
- Managed social media accounts like Instagram, Facebook and twitter
- Drafted and sent out press releases
- Organized press conferences
- Commitment: 5 hours a week

## Canada Learning Code, Winnipeg Manitoba

### *Teen Ambassador September 2019 - May 2020.*

- (Organization that aims to help everyday Canadians learn to code)
- Organized 5 meet-ups to run and lead coding learning experiences
- Wrote and Pitched blog posts
- Promoted CLC events happening in the community
- Interviewed for a blog post.

## CanU, Winnipeg Manitoba

### *Robotics and Programming Facilitator September 2019 - May 2020.*

- (Organization that aims to promote confidence and learning opportunities for kids)
- Teaching 5th and 6th graders how to code.
- Coordinating Robotics classes for 7th-10th grade students.
- Debugging and explaining complex concepts
- Planning lessons and setting up the laboratory.

## Leadership

- Voices for Change founder and facilitator.  
(Youth activism forum for discussing social issues with people of differing views and backgrounds)
- Jeanneret House President, University of Toronto
- Habitat for Humanity Club leader.
- Upside founder and lead researcher.