



Sophia Abolore

Artificial Intelligence Intern

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[Website](#)

[Linkedin](#)

[Github](#)

SKILLS

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

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
- Rupert's Land FRC

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

I am 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 develop iOS application. In addition to this I am a member of the University of Toronto's Autonomous Vehicle team. I'm very passionate 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 yolov3, scikit, cvlib, cv2.
- 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 posts, 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



Extracurriculars

Autoronto, Toronto Ontario

Systems Team Member August 2020 - Present

University of Toronto's competitive, application-based Autonomous Vehicle development group.

- Working with ROS, C++, Python and robotics systems.
- Developing integrated tests with other sub-teams.
- 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

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 programming lessons
- Wrote and Pitched blog posts
- Promoted CLC events happening in the community
- Interviewed for a blog post: [See here](#)

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.

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



Projects and Leadership

Web development Project

Upside

I founded and created 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.
- See website here: [Upside](#)
- See code here: [Upside Code](#)

Data Science Project

Map Timeline Slider

I developed 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 sets.
- See code here: [Map Timeline Slider](#)

Game Development Project

Marvel Galaxy Game

I developed a Marvel-themed game developed with Java.

- Object oriented programming.
- Creating a scrolling background.
- Simulating movement with the characters.
- Working with sound effects and visuals.
- See code here: [Marvel Galaxy Game](#)

Leadership

- I founded *Voices for Change*, a youth activism forum, where i facilitated discussions on social issues among people of differing views and backgrounds.
- [Jeanneret House](#) President, University of Toronto
- [Habitat for Humanity](#) Club leader.
- [Upside](#) founder and lead researcher.
- [Students Against Destructive Decisions](#) executive member.