



Matthew Lee

Ontario Tech UOIT BCS '26

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📄 <https://stackoverflow.com/users/12462726/matthew-lee>

Profile

I am a second year university student in Ontario Tech University (UOIT) currently studying Computer Science. I love working on projects when I'm free, solving problems and learning new things. I'm intrigued by a lot of things, and I'll pursue the answer to it. I also really enjoy reading books, and playing chess in my free time.

Education

Bachelors of Computer Science

Ontario Tech University 📄

First Year Grade: 3.78 GPA

Unionville High School

UHS 📄

Averaged a 95 in both Math-Related subjects and computer science.

United Christian College Kowloon East

UCCKE 📄

Maintained a 3.15 GPA

Projects

Powered Up Challenge (Robot In 3 Days) 📄

FRC

Project was developed in three days during Robot in 3 days, working with other teams like the Design team and the Mechanical team. Utilizing the WPILib framework to program the robot code for the Trident robot for Ontario Tech University.

CovDiction 📄

A webapp developed using Flask framework, it utilizes a Hong Kong dataset-trained machine learning model to predict the probability of getting Covid-19 from factors like age or gender etc.

KeyExtract (Sunhacks submission)


An API that utilizes a TensorFlow model to find similar words in a given text based on a key word and a percentage of similarity. It is used to extract important information from text when looking for specific keywords.

Kijiji Web Scraper

A Web Scraper written in python that returns all recent listing with price comparisons on Kijiji given a certain parameter. It can be linked up to a discord webhook for ease of access.

Professional Experience

Junior Team Programming Lead (OTU Ri3d and RoboMaster)

Ontario Tech University 

OTU CS Club Communications Coordinator

Ontario Tech University


Responsible for discord management and newsletters. Also planned events and attended executive meetings.

OTU Book Club Executive

<https://github.com/KureYv/Covdiction>

Handled the social media of the Book Club and participated in meetings.

VP of Finance and Administration

Ontario Tech Engineering Design League 

Helped set up the 2023 Designathon and assisted in the event when it was hosted. Also made documents for the designathon including the competitor's package, handled the social media and participated in board meetings.

Python Instructor

Code Club CA 

Responsible for hosting a weekly class with students aged 8-12, teaching them python.

Co-Owner

Markham SNKRS 

In charge of Instagram management and restocking of shoes.

Student Mentor

Unionville High School

Student mentor for Grade 11 course - Functions.

Volunteer

5n2

Served and prepared food to homeless people

Was responsible for cleaning the kitchen and managing the garden

Skills

Communicating with others	<div><div></div><div></div><div></div><div></div><div></div></div>	Team Leadership	<div><div></div><div></div><div></div><div></div><div></div></div>
C++	<div><div></div><div></div><div></div><div></div><div></div></div>	Python	<div><div></div><div></div><div></div><div></div><div></div></div>
Java	<div><div></div><div></div><div></div><div></div><div></div></div>	Flask (Webapp development)	
WPILIB		Tensorflow, Pandas, Matplotlib (Machine learning)	
Kotlin	<div><div></div><div></div><div></div><div></div><div></div></div>	FrontEnd	<div><div></div><div></div><div></div><div></div><div></div></div>
		Bootstrap	
Rust	<div><div></div><div></div><div></div><div></div><div></div></div>	SQL	<div><div></div><div></div><div></div><div></div><div></div></div>
		Version Control (Git)	<div><div></div><div></div><div></div><div></div><div></div></div>

Languages

English	Cantonese	Mandarin
Native/Full working proficiency	High working proficiency	Limited working proficiency