Matthew Lee

Ontario Tech UOIT BCS '26

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in https://www.linkedin.com/in/matthewleeotu/   ○ https://github.com/KureYv

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 3.5 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 a 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.

Skills

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

Languages

English
Native/Full working proficiency

Cantonese
High working proficiency

Mandarin
Limited working proficiency