Matthew Lee

Full Stack Developer Machine Learning

How to reach me:

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Personal Profile

I am a University student in Ontario Tech University currently studying CS. I love working on projects and also solving problems and learning new things. I'm intrigued by a lot of things and not afraid to ask questions. I'm a firm believer of self - development instead of passive learning. This is shown by active participation and certificates.

Professional Skills

Coding Languages:

Python, HTML, CSS, JavaScript, Java, C++

Frameworks/Systems:

Flask, Bootstrap, MySQL, Semantic UI, Flutter

Educational Background

Unionville High School

Graduated

- Enrolled since 2019 Summer to present
- Achieved honor roll [80% or above in all subjects]
- Achieved Computer Science grade of 99%
- Participated in Robotics Club, Math Club, Model UN Club, Computer Science Club
- Mentored Math for Grade 11 Students

Ontario tech University

Foreseen 2026 graduation

- Achieved 3.96 GPA during first year
- Achieved honor roll [3.5 GPA or above]
- · Participated in CS Club

Experiences

Instructor at Code Club

Website link

- Teaching kids aged around 8
 12 about Python
- Weekly 1-2 hour commitment

Digital Media Academy

Website link

 Participated in a Machine Learning course

Bridge to literacy

Website link

Back-end developer

Projects on Github

Semantic API

Github link

- · API using Tensorflow hub
- Checks Semantic similarity of two words
- Hosted on Heroku and developed using Flask
- Will be used as a REST API for upcoming search enhancer project

CovDiction

Github link

- Utilizing Flask framework and self - trained ML model
- ML model trained on Hong Kong Covid-19 data
- Able to predict the probability of an infection from factors like age, gender

Kijiji Scraper

Github link

- BeautifulSoup web scraping
- Written in Python
- Scrapes newest Kijiji releases and outputs into a discord webhook
- Saves the data of items being sold for further learning

UHS Discord bot

Github link

- Contributed to the remove course code
- Worked with JSON and JS and debugging