Matthew Lee

Full Stack Developer
Machine Learning

How to reach me:

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Personal Profile

I am a high school student in Unionville High School with passion for computer science. 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 passiveness. This is shown by active participation and certificates.

Professional Skills

Coding Languages:
Python, HTML, CSS, JavaScript, Java

Frameworks/Systems:
Flask, Bootstrap, MySQL, Semantic UI

Educational Background

Unionville High School

Forseen 2021 graduation

- 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

United Christian College

Left 2019 Summer

- Attended from Sept. 2015 to June 2019
- Achieved honor roll [3.5 GPA or above]
- Participated in NCS 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

5n2

Website link

- Working on oncoming database

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

Instructor at Code Club

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Languages Spoken

English - Fluent
Cantonese - Semi Fluent

Mandarin - Semi Fluent
French and Spanish - Elementary Level