

Hayden Wagner

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Skills

- **TECHNOLOGIES:** Microsoft Office, Mac, Windows 10, Linux (Ubuntu), Wireshark, Adobe Photoshop
- **LANGUAGES:** HTML/CSS, Python, Git, SQL

Education

SANTA MONICA COLLEGE | 2019-2021 | CURRENTLY ENROLLED

- Major: Computer Science
- Clubs: INVESTOPIDEA CLUB
- GPA: 3.21

Projects

WEATHER LOCATION

- I promptly used HTML, CSS, and JS to create a search bar showing current weather. I gathered an API weather key to implant into my JS file.
- I used CSS fonts and colors to present an esthetic look when searching for a specific area. (HTML/CSS, JS)

VIRUS SEQUENCES

- My Python program allows a user to compute a similarity metric and a distance metric, between five viruses. I have downloaded these sequences from, "NIH Coronaviridae Search". (Python)

PYTHON SMA TICKER

- I wrote a program which imports stock market data using Pandas. It calculates a simple moving average (SMA). I imported a data frame (df) to acquire data from, "Yahoo Finance".
- I used a moving average of 50 days of any ticker symbol. Lastly, the program iterates instantly to see if the day's closing values are above or lower than the moving average. (Python)

TURTLE RACE

- The Turtle race Project was developed using Python import functions consisting of turtle, time, and randinit
- I imported five turtles and assigned colors to each one. I created a for loop for the countdown before the race. (Python)

MUSHROOM DATA

- I used Jupyter Notebook and downloaded data from "Kaggle.com". I created a machine learning project data for reading data sets of mushrooms.
- Importing Matplotlib and Pandas, we can take this machine learning module and detect if a mushroom is poisonous or edible. (Python, Pandas)