

# DOMINIC MASTROCOLA

[Phone:](tel:(330)-236-6774) (330)-236-6774

[Portfolio:](https://d-mastrocola.github.io) <https://d-mastrocola.github.io>

[Email:](mailto:mastrodomcola@gmail.com) mastrodomcola@gmail.com

## WORK EXPERIENCE

### Weather Dashboard

Uses OpenWeatherMap API to fetch JSON data and display it on the screen. When you enter a city it makes a call to get latitude and longitude coordinates. It gets the current weather data and the 5-day forecast, and stores the user's search history in local storage. If the user refreshes the page it will use the last city searched and the history persists. [Link](#)

### Pathfinder Visualizer

A visualization of the pathfinding algorithm A\*(A star). The algorithm works by checking each nearby node and picking the one with the least combined cost(distance to) and distance to the end node. [Link](#)

### Coding Quiz

A coding quiz. A timed quiz to test your developer skills. If you get an answer right you get more time on the clock, if you get time taken away. If you run out of time or complete all the questions the test ends. It then checks to see if you got a high score. If it is a high score it then creates a form that takes your initials and stores them to the local storage. [Link](#)

## EDUCATION

Case Western Reserve University (2021-2022)

Full Stack Web Development

## SKILLS

HTML, CSS, Bootstrap, JavaScript, jQuery, AJAX, Rest APIs, DOM, Node, Git and Github, and Agile Development