

# DOMINIC MASTROCOLA

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## Projects

### Weather Dashboard - [Link](#)

- Uses OpenWeather API to get the current and 5-day weather data.
- Display the data using DOM
- Stores searched cities in local storage so if the user refreshes the page they persist

### Pathfinder Visualizer - [Link](#)

- Visualization of the A\* algorithm.
- From the start node, it checks all nearby nodes determines the heuristic(cost and distance to the end node)
- It picks the node with the lowest heuristic until it gets to the end node

### Coding Quiz - [Link](#)

- A timed web development quiz that ends if you finish all the questions or run out of time
- If you answer a question correct you get more time if you answer it incorrectly you lose time
- If you get a high score it creates a form and stores it in local storage

### Platformer - [Link](#)

- A platformer game made that features OOP, game physics, and collision detection
- The player must find the key before he can see and interact with the exit
- Multiple Levels stored as text

## EDUCATION

### Case Western Reserve University

Full Stack Web Development

## SKILLS

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