

Coding take home task: OpenWeatherMap

As part of our technical evaluation, we are giving you a take home coding assignment. This will allow you to have time to demonstrate your existing knowledge and skills. We are not looking for an exact answer that is right or wrong. We want to see how you approach the challenge and execute in coding, logic and overall problem solving. The task is pretty open-ended and the time allotted is up to you, though please limit yourself to a few hours maximum.

Directions:

Using Javascript and any frameworks/libraries you'd like, make use of free API, then format and display the resulting data on a page. A simple set of Javascript and HTML files is acceptable, but feel free to show off your skills by adding your own features if time allows. Please use your best judgement for any open questions. There are no right/wrong ways to implement this. Your solution should be provided as a link to a github repository with a README on how to get it up and running.

OpenWeatherMap

We suggest usage of <https://openweathermap.org/api> for this task and assure you that free endpoints are entirely sufficient to meet the requirements.

Frontend logic requirements:

1. The page should show 5-day weather forecast for given city including:
 - a. Morning temperature
 - b. Day temperature
 - c. Night temperature
 - d. Humidity
2. The page should also show following stats relevant to weather forecast:
 - a. Minimum value
 - b. Maximum value
 - c. Mean value
 - d. Mode value