

UI Engineering Code Challenge


The following challenge is an opportunity for you to demonstrate your front-end knowledge! Your code style should be consistent, readable, and clean throughout the project. Try not to spend more than six hours developing. We don't expect this to be a production-ready application or be 100% completed. We are most interested in your coding practices and engineering thinking. Showcase your talents and where you excel.

You will present your solution in the next interview. Keep in mind that you will have the opportunity to share your thoughts on refactoring, additional feature ideas, and improvements to the overall experience when you present your work.

Getting Started

Build an application that will display a page of trips results from the data file included. We currently use React + Typescript on internal projects but you are encouraged to build with the tools you know best. Focus on making it responsive, performant, and accessible.

The Challenge

1. Based on the supplied data, render a list of items on the page. Each item should display the following values:
 - `heroImage` (from the domain `cms.inspirato.com`)
 The rendered image will be quite large! It's possible to append `width` and/or `height` values as query parameters to fetch a smaller asset size.
 - `unitName`
 - `unitStyleName`
 - `checkInDate`
2. On page load, the items should be sorted by `checkInDate` from closest → furthest.
3. Add a method for toggling `checkInDate` sorting so that it can be reversed.
4. Add a way to filter items by `unitStyleName` . i.e. A user can set the filter to "Mountain" and only see results based in the mountains. "Beach" will display beach

destinations. And so on.

5. Style the list to appear in a responsive grid. There can be as many or as few in each row that is sufficient for the viewport size; i.e. three across on larger screen widths, two across on mid-sized screen widths, etc.
6. Still have some time? Get creative with visual styling and CSS! Focus on making sure content is readable and accessible.

Submitting your challenge

It's entirely up to you as to how you'd like to submit this work to us. You could push up to a Github repo or simply email a zip of your project. Once we have received your work, you'll be scheduled to present it to members of our front-end team. We're looking forward to seeing what you create. Remember to have fun with it!