

Medly Senior iOS Engineer Tech Challenge

We're excited to have you move forward in the interview process and are looking forward to seeing the results of the challenge. Please let Margo know should you have any questions on the administered assessment.

iOS Engineering Challenge

You will build an app, with whatever architecture you choose on a public Github repository. The app will be a single screen with a scrollable list of items on it. This list will be populated using two API calls. The first call is to [`https://restcountries.eu/rest/v2/all`](https://restcountries.eu/rest/v2/all), which will receive a list of countries, along with many other data points. With the data from the countries, you will use the ``alpha2Code`` to retrieve an image of each country's flag from the endpoint [`https://www.countryflags.io/\[CODE\]/flat/64.png`](https://www.countryflags.io/[CODE]/flat/64.png), replacing the [CODE] in the url with the proper 2 letter country code from the ``alpha2Code`` for each flag. These will be displayed in the scrollable list, showing the flag, country name, and country capital however you'd like in each item.

As this is a take home technical challenge, it is expected to be complete and functional before the technical interview; as well as clean, logical code.

Following Technical Interview

In the technical interview, the interviewers will have already looked over the code and be prepared to ask questions as to the style, structure, and any other relevant decisions prevalent in the codebase. After the questions, the interviewers will leave time to run through and modify the code that has been presented.