

iDU Developer Challenge

Why?

The goal of this task is to evaluate your ability to perform the most common tasks you will be performing at iDU on a daily basis. There are no requirements on how you achieve the following, but we would prefer you to demonstrate your abilities in the technologies we use predominantly Javascript, but we will accept submissions in other languages provided they work. This project exists so that we can talk it through with you at our in person interview and understand how you approach and solve problems.

Task

The idea behind this project is to consume an API, and display it in an interactive way. This will demonstrate your understanding of web technologies and ability to follow a specification. The task is to fetch information on the top 100 crypto currencies (by market capitalization) and display them in an interactive way. If you require any further clarifications, please feel free to reach out.

Requirements

1. Fetch top 100 cryptocurrencies sorted by market cap from a public API (we suggest coingecko)
2. Show it as a list and allow sorting by name, position (market cap) and current price
3. Also allow searching by name

Suggestions

- Coingecko is a good well documented API for fetching this information
- Consider how you handle the request (promises) to allow for a responsive user interface e.g. let the user know the data is loading
- Transform the received data into a more easily readable format
- Use a javascript front end framework to display the data (e.g. react.js, vue.js) but we will accept other frameworks if you are more comfortable (e.g. django etc)

The above is a simple project, no extra features are required and how you style/present the data is up to you; given the functionality requirements are met. Feel free to add any other features you would like; as long as it does not prevent the above required functionality (only do this if you feel it will demonstrate a particular skill or interest).