

Hi Sikander,

We have a test task for you to complete. Our interview tomorrow still stands. Please let me know if you have any questions about the task. Please take the time you need to complete the task, but note that we cannot extend a job offer until we receive the completed test task from you.

Implement the simplest interface for reading RSS-feeds in JS (in any version of RSS or Atom formats, one for choice).

While implementing any technology (preferably Angular 4+) can be used

The application page is divided into four parts - a list of channels, a list of messages in the selected channel, viewing the selected message, statistics.

You will be graded based on:

- Number of channels.
- By the selected channel: the number of messages, the number of authors.
- By the selected message: a circular diagram of the relative frequency of the appearance of the letters of Latin alphabet in the message (after moving to the lower case). (Each letter takes a space of the area of the circle, equal to the ratio of number of such letters to the total number of letters / not characters / in the message.)

Things we want to see:

- support of more than one format (RSS and Atom),
- full support of Unicode letters in statistics, not only the Latin alphabet,
- filtering with the ability to display only unread messages,
- UI proficiency,
- save the state of the application after updating the page without the server,
- support of localization of texts,
- cross-browser compatibility (clearly show which browsers are supported and in which mere)
- support for mobile browsers (iOS and or Android) with specialized layout.