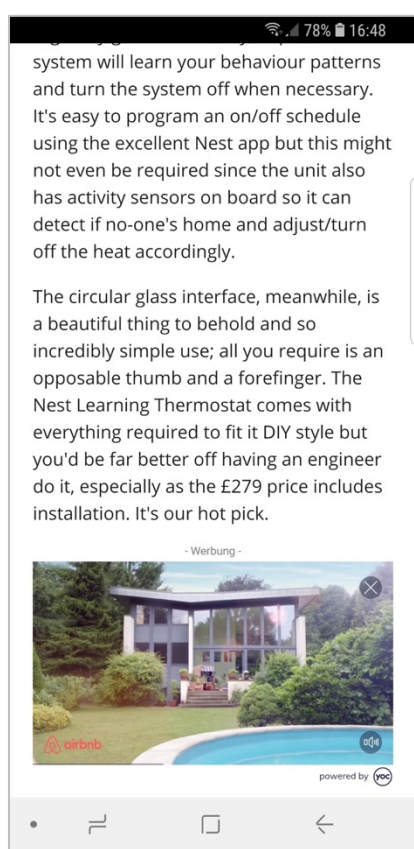# JAVASCRIPT ENGINEER INTERVIEW

GOAL

Using the provided project please develop a React component for a video advertisement:

(example of how the video ad looks)

PREPARATION TASK

- Please use this repository based on the create-react-app (with Typescript support): https://github.com/yoc-ads/yoc-test-task
- Please use following video asset: https://cdn.yoc.com/ad/demo/airbnb.mp4
- In the *public/index.html* you'll find source of the page template with a placeholder div, in which the video ad should be rendered

MAIN TASKS

- Please use Typescript & React, additional libraries may be utilized for the test
- All of the components should be developed in the functional style, utilizing hooks API
- The video ad component should be placed instead of the ad placeholder
- Video shouldn't autoplay when website is loaded
- The video shall start playing only when it is at least 50% in the viewport of the browser – and stop if it's less than 50% of the video is in the viewport
- Display a message on the browser console when the video has started, has played through 25%, 50%, 75% and 100% of the full video length
- In accordance with the IAB/MRC viewability standards, please display an additional message in the browser console, after the ad has been in the viewport of the browser with 50% of it viewable for 2 seconds in total
- Write tests to check the main functionality
- Browser compatibility: your test result must work either on Android or on iOS; please tell us which environment you have tested against

HINTS

- Proper code documentation is not optional!
- The dummy website will only show your results – no need to be fancy here
- Check out these links, if you need more information on video auto play: Safari: https://goo.gl/HE6qrW / Chrome: https://goo.gl/kjqnrS
- Leave comments where you were not sure how to proceed
- If you have questions or need assistance, write an email to: jobs@yoc.com

NEXT STEPS AFTER FINISHING THE TEST TASKS

- Please provide the link to your git-based repository which contains your results
- Don't forget to tell us, which browser environment you have used
- Send all details via email to jobs@yoc.com

HAPPY CODING!