Front end developer task

Outline

We built globalcyclingnetwork.com to a tight timeframe and think that the mobile user experience could be improved. We would like you to think of how the navigation on mobile could be improved and then implement one or two of your improvements.

Problem description

We expect you to build a sample of a page from the Global Cycling Network website, implementing a sample of your navigation design improvements. We will provide an endpoint that will give you sample data for 20 videos. To focus your efforts, feel free to screen-grab any parts of the existing site that are not affected by your design improvements and use those images for placement purposes. We will only assess the site in the iPhone 6 device simulator found in Chrome dev tools, so you can concentrate on the mobile experience.

We would like you to use the coding conventions you prefer as well as a framework of your choice (i.e. React). Below we will provide you with a URL which will return a JSON object with an array of video data. Use this sample data to populate your site. However, if your design improvements take a long time to implement, feel free to repeat elements or screen-grabs to populate your page.

Finally, we would like you to outline how, if given more time, you would further improve the mobile site navigation experience. Also, please describe any steps you would take to prepare such a site for production.

We don't expect you to spend more than a couple of hours on this task. If you have ideas that you don't have time to implement, that's fine - we can talk about them in your next interview.

Once you are finished, please put your work into a public github repository that we can clone and run. We will assume that we will be able to open a html file to run the site. Please provide instructions on how to run your site if this is not the case.

What we are looking for

- Solid skills in writing HTML and CSS as these will be the bread and butter of your work here.
- Good understanding of Javascript principles.
- The ability to take a design prompt and look for improvements, both in visual and overall experience.
- An awareness of how websites get prepared for production.

Please do
- Use whatever technologies or frameworks you like - whatever you're most used to. As long as we can run it easily!
- Focus on the user experience. Don't sweat over stuff like scalability or naming conventions.
- Feel free to use CDNs for any vendor libraries you need.

Please don't
- Worry about making the site a pixel perfect replica of the existing site. This task is more about your ideas and implementations.
- Spend any time optimising the performance of your site. This is just a prototype!
- Worry about building the site for any other dimensions except for iPhone 6 in Chrome dev tools.
- Spend too much time replicating the areas of the site that are not key to your solution. These can be screen-grabbed from the current site and used for placement purposes.
- Worry if the assets we give you don't match the existing site exactly (especially the social icons)

Assets and guides

You are **not required** to use these sources - they are just there in case you want them.

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Video data

You can get the JSON video data from

https://globalcyclingnetwork.com/api/devtask. It returns an array

with 20 video objects.

Assets

You can either pinch assets from the existing site or take them from
this github repository.

Youtube video thumbnails

The JSON data provides a video ID for each video. You can get the

video thumbnail for this video by putting the the url

https://img.youtube.com/vi/YOUR_VIDEO_ID/mqdefault.jpg in as

the src of an image. Don't worry if the image quality looks poor.

Help!

If you have any questions, please email us at
digital@shiftactivemedia.com