

Espial Web Application Developer Position

Coding Exercise for Candidates: Animated MENU

Download the video of the Animated MENU from our FTP site:

<ftp://clienthd:1207home@ftp.espial.com/Menu.avi>

Here are the icons you can use for the menu as well:

<ftp://clienthd:1207home@ftp.espial.com/Menulcons.zip>

If you have any questions, send me an email (ddesilva@espial.com) and I'll get back to you as soon as possible, even during the evening/weekend.

Instructions:

- The video was recorded off Chrome browser running our MENU implementation. But you can't see the key presses so these notes will explain what you are seeing.
- The intended page resolution is 1280x720
- The bunny video playing is HTML5 video tag, however, you do **NOT** need to implement this video tag for this exercise.
- The menu appears/disappears by pressing "m". From the video time of 0:01-0:09, we recorded pressing "m" multiple times to show and hide the menu so you can get a good idea of the animation/transition. You should aim to duplicate this animation as part of the exercise, and toggle the menu on-screen using the "m" key.
- From the video time of 0:09 to 0:31, the LEFT and RIGHT arrow keys are being pressed to navigate the menu. The LEFT/RIGHT key is pressed once and then we waited until the animation is **completed** before pressing it again. You should aim to duplicate this animation as part of this exercise, using left/right arrow key to navigate.
- From the video time of 0:32 to 0:37, the LEFT/RIGHT arrow keys are being pressed to navigate the menu, but we are pressing them **fairly rapidly without waiting** for the animation to complete. You should ensure your menu reacts to this key press scenario as well.

-From the video time of 0:38 to end, I'm navigating the sub menus by going UP/DOWN. You should aim to duplicate this animation. Don't worry about using actual Netflix/YouTube icons for the Apps sub menu, just use any dummy icon.

Your **deliverable** will be a set of HTML/CSS/JS/resources files that implement this menu with a focus on the animation/transitions.

We will try it using Chrome browser so best to develop it using Chrome.

Please do not use jQuery or other frameworks.

We implemented our MENU using Canvas for best device performance. Try your best to use that, but if you are worried about time and are confident you can do it on the PC with good performance using HTML/CSS, or JavaScript or WebGL, go ahead.

You are being evaluated on how much you complete, how closely the animations match the video, and your code/comments etc.