

August 15th, 4:30 PM

Senior JavaScript

Completed on Candidate status Candidate stage Average status

Completed

Candidate stage
Assesment completed

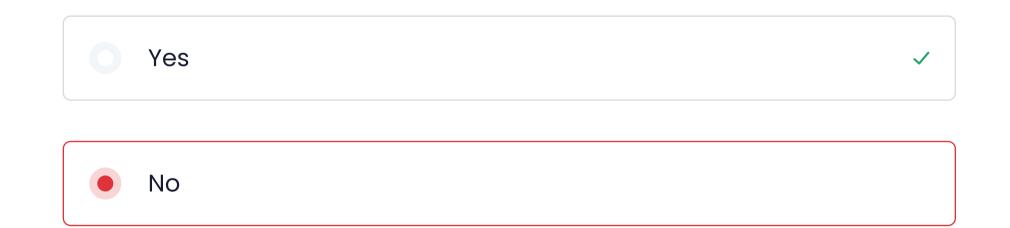
Average score
67%

# Summary Test 1 Attention to details (textual) 75% Attention to details (textual) 100% • Filtering information 50% • Comparing statements for differences 50% • Checking the consistency of information 100% 75% Company Test Sr. UI Developer Attention to details (textual) 100% 50% • Filtering information Test 2 Javascript (coding): medium-level algorithms 50% 50% • Comparing statements for differences Test 3 SMART personality test Sociability 50% Mindfulness 40% Agreeableness • Receptivity to new things 20% • Temperamental 10% **Download report** 100% Test 4 Bitmap Holes 0% Test 5 Longest Increasing Sequence 70% Questions 10 Questions

# Trust insights Device used Macintosh PC Location Mumbai (Maharashtra), IN Filled out only once from IP address? Webcam enabled? Full-screen mode always active? Mouse always in assessment window?

# **Qualifying questions**

Do you have 5+ years of experience in these field?





Have you given any interview in our company before?	• Yes			
	No			
Company Test Sr. UI Developer  Multiple Select Critical thinking	① 120:00'			
What are the ways to apply CSS to the HTML element?	Multi line			
	✓ Inline ✓			
	External			
	Comment Inline CSS, Internal CSS, External CSS			
Single Select Critical thinking				
Which tag is used to define an internal style sheet?	<pre> <script></pre></td></tr><tr><td><li><li><li><li><li></li></ul></td></tr><tr><td><html></td></tr><tr><td></td><td><pre><script></pre></td></tr></tbody></table></script></pre>			



Coding



### Bitmap Holes

Have the function BitmapHoles(strArr) take the array of strings stored in strArr, which will be a 2D matrix of 0 and 1's, and determine how many holes, or contiguous regions of 0's, exist in the matrix. A contiguous region is one where there is a connected group of 0's going in one or more of four directions: up, down, left, or right. For example: if strArr is ["10111", "10101", "11101", "11111"], then this looks like the following matrix:

For the input above, your program should return 2 because there are two separate contiguous regions of 0's, which create "holes" in the matrix. You can assume the input will not be empty.

Submitted code

Language: C++ Total test score: 3/4 Time taken: 10 mins

```
// Code submitted by candidate
    function BitmapHoles(strArr) {
       let returnArry = [];
       let indexOfZ = [];
       let subarr;
       for(let i=0; i < strArr.length; i++){</pre>
        subarr = strArr[i].split("");
        let index = [];
        for(let y=0; y < subarr.length; y++){</pre>
10
         if(subarr[y] == 0)
 11
         index.push(y);
12
         if(y == subarr.length-1)
13
         indexOfZ.push(index);
14
15
16
       for(let i=0; i < indexOfZ.length; i++){</pre>
17
         for(let j=0; j<indexOfZ[i].length; j++){</pre>
18
           if(indexOfZ[i+1] && (indexOfZ[i][j]==indexOfZ[i+1][j] || indexOfZ[i+1].indexOf(indexOfZ[i][j])))
19
           returnArry.indexOf(strArr[i]) < 0 ? returnArry.push(strArr[i]): false;</pre>
20
           if(Math.abs(indexOfZ[i][j]-indexOfZ[i][j+1])==1)
21
           returnArry.indexOf(strArr[i]) < 0 ? returnArry.push(strArr[i]): false;</pre>
22
23
24
25
26
        return returnArry.length;
27
28
29
```

## Test cases

INPUT	OUTPUT	EXPECTED OUTPUT	RESULT	VISIBILITY	TIME	MEMORY
12345	654321	1654321	×		164ms	27.6 MB
12	21	21	<b>~</b>	<b>(5)</b>	174ms	22.6 MB
0	0	0	<b>~</b>	<b>©</b>	169ms	28.6 MB
32123433221334432212332472374	32123433221334432212332472374	32123433221334432123324723749	<b>~</b>	Ø	186ms	21.6 MB





# **Custom questions**

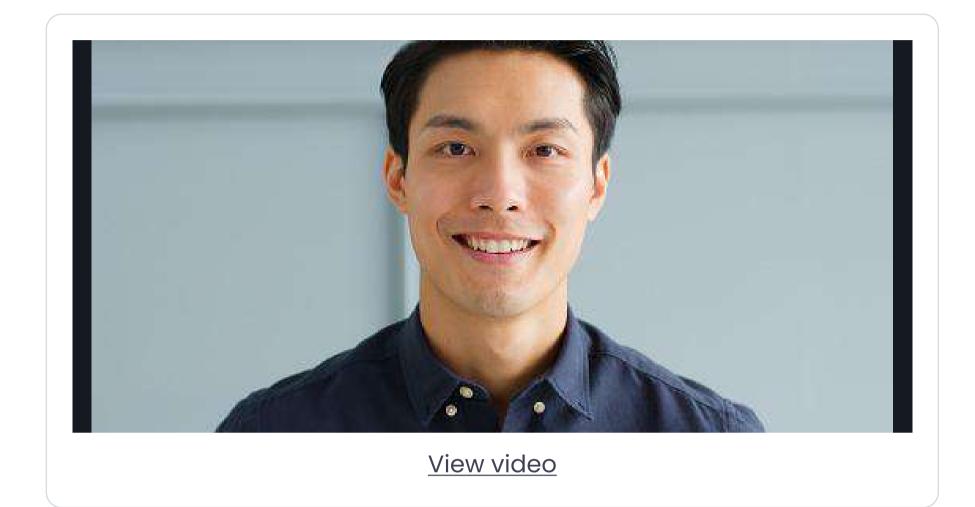
Video

Describe yourself as you generally are now, not as you wish to be in the future. Describe yourself as you honestly see yourself, in relation to other people you know of the same gender as you are, and roughly your same age.

Not attempted

Video

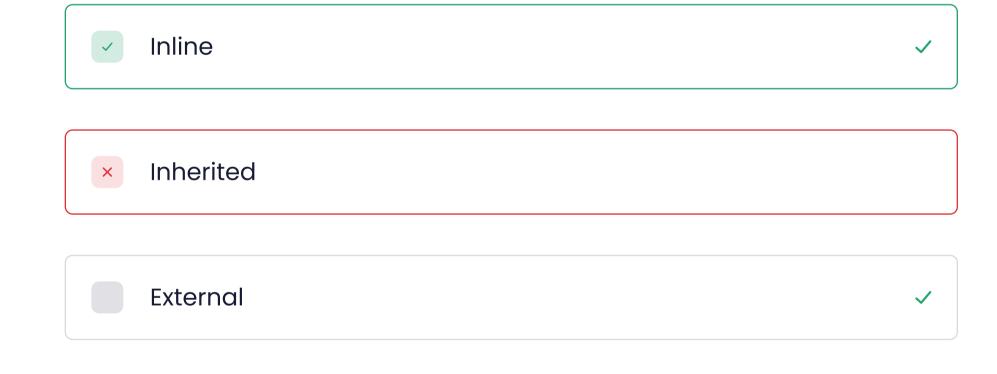
Describe yourself as you generally are now, not as you wish to be in the future. Describe yourself as you honestly see yourself, in relation to other people you know of the same gender as you are, and roughly your same age.



© Completed in 3m 32s out of 5m

Multiple Select

What are the ways to apply CSS to the HTML element?



Single Select

Ellis is amazed to see the things that javascript can do and wonders what javascript cannot do. Help him find out which of the following JavaScript cannot do

- JavaScript can react to events.

  JavaScript can manipulate HTML elements.

  JavaScript can be used to validate data.
- None of the above



File Upload						
Upload your portfolio here to let us take a view on your skills.	Check attached file  I have attached the link of my portfolio. The file is password protected, you may use "abcdef" to get the access.					
Typing Test	120 secs 54 wpm 85% accurac					
Spreadsheet						
Compute the additional taxes amounts in column E. For this purpose use the Tax Rate in cell H2 and the Net Price in column D.	<u>View spreadsheet</u>					
	① Completed in 3m 32s out of 5m					
Document						
Our company is writing a blog post titled 'Why we should consider you as a good fit for this role'.	<u>View document</u>					
Please write 3-5 paragraphs building off of what you know about our company & the titles provided. Also, would you improve this title at all? If so, please have that reflected in your answer.	Ō Completed in 3m 32s out of 5m					
Slides						
Our company is creating a presentation about 'What we should focus on to achieve future goals'.	<u>View slides</u>					
Please create 3-5 page presentation to show what you know about our company & the titles provided. Also, would you improve this title at all? If so, please have that reflected in your answer.	① Completed in 3m 32s out of 5m					