

Completed on  
August 15th, 4:30 PM

Candidate 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%

### Company Test Sr. UI Developer

75%






- Attention to details (textual)  100%
- Filtering information  50%

### Test 2 Javascript (coding): medium-level algorithms

50%

- Comparing statements for differences  50%

### Test 3 SMART personality test

- Sociability  70%
- Mindfulness  50%
- Agreeableness  40%
- Receptivity to new things  20%
- Temperamental  10%

[Download report](#)

### Test 4 Bitmap Holes

100%

### Test 5 Longest Increasing Sequence

0%

Questions 10 Questions

70%

## 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?

Yes



No

Have you given any interview in our company before?

Yes ✓

No

Company Test Sr. UI Developer

🕒 120:00'

📚 105/140 marks

Multiple Select Critical thinking

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?

<script> ✓

<link>

<html>

<script>

Coding

43/50

### 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:

```
1 0 1 1 1
1 0 1 0 1
1 1 1 0 1
1 1 1 1 1
```

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

```
1 // Code submitted by candidate
2
3 function BitmapHoles(strArr) {
4     let returnArray = [];
5     let indexOfZ = [];
6     let subarr;
7     for(let i=0; i < strArr.length; i++){
8         subarr = strArr[i].split("");
9         let index = [];
10        for(let y=0; y < subarr.length; y++){
11            if(subarr[y] == 0)
12                index.push(y);
13            if(y == subarr.length-1)
14                indexOfZ.push(index);
15        }
16    }
17    for(let i=0; i < indexOfZ.length; i++){
18        for(let j=0; j < indexOfZ[i].length; j++){
19            if(indexOfZ[i+1] && (indexOfZ[i][j]==indexOfZ[i+1][j] || indexOfZ[i+1].indexOf(indexOfZ[i][j])))
20                returnArray.indexOf(strArr[i]) < 0 ? returnArray.push(strArr[i]): false;
21            if(Math.abs(indexOfZ[i][j]-indexOfZ[i][j+1])==1)
22                returnArray.indexOf(strArr[i]) < 0 ? returnArray.push(strArr[i]): false;
23        }
24    }
25
26    return returnArray.length;
27
28 }
29
```

### Test cases

| INPUT                            | OUTPUT                           | EXPECTED OUTPUT                  | RESULT                               | VISIBILITY | TIME  | MEMORY  |
|----------------------------------|----------------------------------|----------------------------------|--------------------------------------|------------|-------|---------|
| 12345                            | 654321                           | 1654321                          | <span style="color: red;">✘</span>   |            | 164ms | 27.6 MB |
| 12                               | 21                               | 21                               | <span style="color: green;">✔</span> |            | 174ms | 22.6 MB |
| 0                                | 0                                | 0                                | <span style="color: green;">✔</span> |            | 169ms | 28.6 MB |
| 32123433221334432212332472374... | 32123433221334432212332472374... | 32123433221334432123324723749... | <span style="color: green;">✔</span> |            | 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.



[View video](#)

🕒 Completed in 3m 32s out of 5m

### Multiple Select

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

Inline ✓

Inherited

External ✓

### 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% accuracy

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.

[View spreadsheet](#)

🕒 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'.

[View document](#)

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.

🕒 Completed in 3m 32s out of 5m

Slides

Our company is creating a presentation about 'What we should focus on to achieve future goals'.

[View slides](#)

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.

🕒 Completed in 3m 32s out of 5m