# Microsoft Interview Experience 2019 | Off-Campus Software Engineering Internship

Difficulty Level :\nMedium
Last Updated :\n31 Mar, 2019

Microsoft conducted an all India drive for hiring SDE Interns(Minimum CGPA was 7 and no backlogs were allowed). They conducted a coding round in which people who solved 3 got a call or people who solved 2 and had a higher CGPA(+9) also received a call. Girls solving one problems were called for on site interview.

## **Round 1: Online Test**

Test was conducted on Mettl.com.

#### Questions:

- 1. <a href="https://www.geeksforgeeks.org/remove-duplicates-from-a-given-string/">https://www.geeksforgeeks.org/remove-duplicates-from-a-given-string/</a>
- 2. Return sum of top k elements of Array.
- 3. <a href="https://www.geeksforgeeks.org/find-maximum-depth-nested-parenthesis-string/">https://www.geeksforgeeks.org/find-maximum-depth-nested-parenthesis-string/</a>

### Round 2:\xc2\xa0

\xc2\xa0\t was a group fly round where there were around 54 candidates. They gave us 40 minutes and four problems to solve. The four problems are as follows:

- 1. Predict the output of a given program.
- 2. Write operations of Stack.
- 3. \xc2\xa0Implement substring function.
- 4. <a href="https://www.geeksforgeeks.org/merge-two-sorted-linked-lists-such-that-merged-list-is-in-reverse-order/">https://www.geeksforgeeks.org/merge-two-sorted-linked-lists-such-that-merged-list-is-in-reverse-order/</a>

I was rejected after this round.

After this there were 4 rounds.

Thanks to geeksforgeeks team for putting such good content on website. I would advice to go through problems on website as it improves thinking and approach. It helped me a lot in every thing be it subjects, coding problems or practicing the questions.

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