

Back to Explore

Favorite

Top Questions from

Microsoft



Overview

Top interview questions asked by Microsoft as voted by the community. We compiled this list thoroughly so you can save time and get well-prepared for a Microsoft interview.



Arrays and Strings

Microsoft likes to ask simple array questions. Reverse Words in a String is one if it.



Linked Lists

These are some popular Linked List questions being asked by Microsoft.



Trees and Graphs

Validate Binary Tree, Binary Tree Level Order Traversal and Binary Tree Inorder Traversal.



Backtracking

We recommend Letter Combinations of a Phone Number and Word Search II.



Sorting and Searching

We recommend Sort Colors and Search a 2D Matrix.



Dynamic Programming

Microsoft does not ask a lot of Dynamic Programming type questions, but q



Design

These are some design questions for you to practice for your Microsoft interview.



Others

Here are some other questions for you to practice which are not in the previous categories.



Discuss

1 topic - share ideas and ask questions about this card

Introduction



Top interview questions asked by Microsoft as voted by the community.

We compiled this list thoroughly so you can save time and get well-prepared for a Microsoft interview.

Completing this card should give you a good idea of the type of questions you would encounter in your Microsoft interview.

Arrays and Strings



<input type="checkbox"/> Two Sum	<input type="checkbox"/> Valid Palindrome
<input checked="" type="checkbox"/> String to Integer (atoi)	<input type="checkbox"/> Reverse String
<input type="checkbox"/> Reverse Words in a String	<input type="checkbox"/> Reverse Words in a String II
<input checked="" type="checkbox"/> Valid Parentheses	<input checked="" type="checkbox"/> Longest Palindromic Substring
<input checked="" type="checkbox"/> Group Anagrams	<input checked="" type="checkbox"/> Trapping Rain Water
<input type="checkbox"/> Set Matrix Zeroes	<input checked="" type="checkbox"/> Rotate Image
<input type="checkbox"/> Spiral Matrix	

Linked Lists



<input type="checkbox"/> Reverse Linked List	<input type="checkbox"/> Linked List Cycle
<input checked="" type="checkbox"/> Add Two Numbers	<input type="checkbox"/> Add Two Numbers II
<input checked="" type="checkbox"/> Merge Two Sorted Lists	<input checked="" type="checkbox"/> Merge k Sorted Lists
<input type="checkbox"/> Intersection of Two Linked Lists	<input checked="" type="checkbox"/> Copy List with Random Pointer

Trees and Graphs



<input checked="" type="checkbox"/> Validate Binary Search Tree	<input type="checkbox"/> Binary Tree Inorder Traversal
<input type="checkbox"/> Binary Tree Level Order Traversal	<input type="checkbox"/> Binary Tree Zigzag Level Order Traversal
<input type="checkbox"/> Populating Next Right Pointers in Each...	<input type="checkbox"/> Populating Next Right Pointers in Each...
<input type="checkbox"/> Lowest Common Ancestor of a Binary ...	<input checked="" type="checkbox"/> Lowest Common Ancestor of a Binary ...
<input type="checkbox"/> Construct Binary Tree from Preorder an...	<input checked="" type="checkbox"/> Number of Islands
<input checked="" type="checkbox"/> Clone Graph	

Backtracking












<input checked="" type="checkbox"/> Letter Combinations of a Phone Number	<input checked="" type="checkbox"/> Word Search II
<input type="checkbox"/> Wildcard Matching	<input type="checkbox"/> Regular Expression Matching

Sorting and Searching






<input checked="" type="checkbox"/> Remove Duplicates from Sorted Array	<input type="checkbox"/> Merge Sorted Array
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<input checked="" type="checkbox"/>  Remove Duplicates from Sorted Array	<input type="checkbox"/>  Merge Sorted Array
<input type="checkbox"/>  Sort Colors	<input type="checkbox"/>  Find Minimum in Rotated Sorted Array
<input type="checkbox"/>  Find Minimum in Rotated Sorted Array II	<input checked="" type="checkbox"/>  Search in Rotated Sorted Array
<input type="checkbox"/>  Search a 2D Matrix	<input type="checkbox"/>  Search a 2D Matrix II
<input checked="" type="checkbox"/>  Median of Two Sorted Arrays	





Dynamic Programming



<input checked="" type="checkbox"/>  Best Time to Buy and Sell Stock	<input checked="" type="checkbox"/>  Maximum Subarray
<input type="checkbox"/>  Longest Increasing Subsequence	








Design



<input type="checkbox"/>  Serialize and Deserialize BST	<input checked="" type="checkbox"/>  Serialize and Deserialize Binary Tree
<input checked="" type="checkbox"/>  Implement Trie (Prefix Tree)	<input checked="" type="checkbox"/>  LRU Cache

Others



<input checked="" type="checkbox"/>  Single Number	<input checked="" type="checkbox"/>  Roman to Integer
<input type="checkbox"/>  Excel Sheet Column Number	<input type="checkbox"/>  Find the Celebrity 
<input type="checkbox"/>  Integer to English Words	<input type="checkbox"/>  The Skyline Problem