

[← Back to Explore](#)[☆ Favorite](#)Top Questions from  
**Microsoft** **Overview**

Top interview questions asked by Microsoft as voted by the community. We do not

**Arrays and Strings**

Microsoft likes to ask simple array questions. Reverse Words in a String

**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

**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

**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**

4 topics - 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**

Two Sum	Valid Palindrome
String to Integer (atoi)	Reverse String
Reverse Words in a String	Reverse Words in a String II
Valid Parentheses	Longest Palindromic Substring
Group Anagrams	Trapping Rain Water
Set Matrix Zeroes	Rotate Image
Spiral Matrix	

**Linked Lists**


Reverse Linked List	Linked List Cycle
Add Two Numbers	Add Two Numbers II
Merge Two Sorted Lists	Merge k Sorted Lists
Intersection of Two Linked Lists	Copy List with Random Pointer

**Trees and Graphs**

Validate Binary Search Tree	Binary Tree Inorder Traversal
Binary Tree Level Order Traversal	Binary Tree Zigzag Level Order ...
Populating Next Right Pointers ...	Populating Next Right Pointers ...
Lowest Common Ancestor of a ...	Lowest Common Ancestor of a ...
Construct Binary Tree from Pre...	Number of Islands
Clone Graph	


**Backtracking**

Letter Combinations of a Phone...	Word Search II
Wildcard Matching	Regular Expression Matching

Sorting and Searching 	
  Remove Duplicates from Sorted Array	  Merge Sorted Array
  Sort Colors	  Find Minimum in Rotated Sorted Array
  Find Minimum in Rotated Sorted Array	  Search in Rotated Sorted Array
  Search a 2D Matrix	  Search a 2D Matrix II
  Median of Two Sorted Arrays	

Dynamic Programming 	
  Best Time to Buy and Sell Stock	  Maximum Subarray
  Longest Increasing Subsequence	

Design 	
  Serialize and Deserialize BST	  Serialize and Deserialize Binary Tree
  Implement Trie (Prefix Tree)	  LRU Cache

Others 	
  Single Number	  Roman to Integer
  Excel Sheet Column Number	  Find the Celebrity 
  Integer to English Words	  The Skyline Problem