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Top Questions from

Amazon

📄 **Overview**

Top interview questions asked by Amazon as voted by the community. We compiled this list thoroughly so you can save time and get well-prepared for an Amazon interview. Completing this card should give you a good idea of the type of questions you would

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○ **Arrays and Strings**

Amazon likes to ask simple, basic array questions. We highly recommend you to practice First Unique Character in a String, which is a popular question being asked. We also recommend Integer to English Words.

○ **Linked Lists**

These are some of the must-practice linked list questions asked by Amazon. We recommend you practice all of these questions.

○ **Trees and Graphs**

As you can see, Amazon likes to ask questions related to the Tree data structure. We highly recommend Number of Islands which seems to be Amazon's favorite.

○ **Recursion**

Not a lot of Recursion questions are asked by Amazon, but we still highly recommend you complete all these questions for review.

◔ **Sorting and Searching**

We highly recommend Kth Largest Element in an Array, which has been asked many times in an Amazon phone interview.

◔ **Dynamic Programming**

Amazon does not ask a whole lot of Dynamic Programming questions. We recommend Best Time to Buy and Sell Stock.

◔ **Design**

These are some design questions for you to practice for your Amazon interview. We highly recommend LRU Cache.

○ **Others**

Here are some other questions for you to practice to prepare for your Amazon interview. We recommend Prison Cells After N Days.
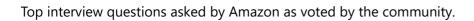

💬 **Discuss**

72 topics - share ideas and ask questions about this card

Introduction

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

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

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

Arrays and Strings ⭕

- ☐ 🔲 Two Sum
- ☐ 🔲 Longest Substring Without Repe...
- ☐ 🔲 String to Integer (atoi)
- ☐ 🔲 Container With Most Water
- ☐ 🔲 Integer to Roman
- ☐ 🔲 Roman to Integer
- ☐ 🔲 3Sum
- ☐ 🔲 3Sum Closest
- ☐ 🔲 Implement strStr()
- ☐ 🔲 Rotate Image
- ☐ 🔲 Group Anagrams
- ☐ 🔲 Minimum Window Substring
- ☐ 🔲 Compare Version Numbers
- ☐ 🔲 Product of Array Except Self
- ☐ 🔲 Missing Number

- [ ] ⬛ Integer to English Words
- [ ] ⬛ First Unique Character in a String
- [ ] ⬛ Valid Parentheses
- [ ] ⬛ Most Common Word
- [ ] ⬛ Reorder Log Files
- [ ] ⬛ Trapping Rain Water

Linked Lists ◯

- [ ] ⬛ Add Two Numbers
- [ ] ⬛ Merge Two Sorted Lists
- [ ] ⬛ Reverse Nodes in k-Group
- [ ] ⬛ Copy List with Random Pointer
- [ ] ⬛ Reverse Linked List
- [ ] ⬛ Merge k Sorted Lists

Trees and Graphs ◯

- [ ] ⬛ Validate Binary Search Tree
- [ ] ⬛ Symmetric Tree
- [ ] ⬛ Binary Tree Level Order Traversal
- [ ] ⬛ Binary Tree Zigzag Level Order T...
- [ ] ⬛ Binary Tree Maximum Path Sum
- [ ] ⬛ Word Ladder II
- [ ] ⬛ Word Ladder
- [ ] ⬛ Number of Islands
- [ ] ⬛ Course Schedule
- [ ] ⬛ Lowest Common Ancestor of a B...

☐ 📄 Diameter of Binary Tree

☐ 📄 Cut Off Trees for Golf Event

☐ 📄 Flood Fill

Recursion ◯

☐ 📄 Letter Combinations of a Phone ...

☐ 📄 Generate Parentheses

☐ 📄 Word Search

☐ 📄 Word Search II

Sorting and Searching ◯

☐ 📄 Median of Two Sorted Arrays

☐ 📄 Search in Rotated Sorted Array

☐ 📄 Merge Intervals

☐ 📄 Two Sum II - Input array is sorted

☑ 📄 Kth Largest Element in an Array

☑ 📄 Meeting Rooms II   🔓

☑ 📄 Top K Frequent Elements

☐ 📄 K Closest Points to Origin

Dynamic Programming ◯

☐ 📄 Longest Palindromic Substring

☐ 📄 Maximum Subarray

☑ 📄 Best Time to Buy and Sell Stock

☐ 📄 Word Break

☐ 📄 Coin Change

Design

- ☐ 🔳 LRU Cache
- ☑ 🔳 Min Stack
- ☐ 🔳 Find Median from Data Stream
- ☐ 🔳 Serialize and Deserialize Binary T...
- ☐ 🔳 Design Tic-Tac-Toe 🔓
- ☐ 🔳 Design Search Autocomplete Sys... 🔓
- ☐ 🔳 Maximum Frequency Stack

Others

- ☐ 🔳 Reverse Integer
- ☐ 🔳 Second Highest Salary
- ☐ 🔳 Partition Labels
- ☐ 🔳 Prison Cells After N Days

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