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Get Well Prepared for

Facebook

📄 Overview

"Interviewing for a technical job is hard, and so is being the interviewer. You want to get that engineering job at Facebook, and we want to hire the best people (you!). Knowing what to expect on both sides can go a long way toward making the process work

Arrays and Strings

Move Zeroes is a popular one for phone interviews. Note that you may be asked follow up about analyzing and optimizing the number of steps in your algorithm.

Linked Lists

These are some popular Linked List questions being asked by Facebook. Add Two Numbers apparently is a popular one according to our user survey.

Trees and Graphs

Facebook loves Tree types of problems. One of the Tree questions Facebook really likes to ask is Convert BST to Sorted Doubly Linked List, which you can practice below. You should also know topological sort and graph traversal as those are still occasionally

Recursion

Definitely know how to generate permutations and combinations (subsets), which are great backtracking exercises. Remove Invalid Parenthesis is a popular one being asked at Facebook, and is also one of our favorite interview questions.

Sorting and Searching

Interval related problems are quite often asked at Facebook interviews, such as Meeting Rooms II and Merge Intervals. These interval problems typically require you to sort it in order and apply some kind of linear search or binary search technique.

Dynamic Programming

Decode Ways is a popular one being asked by Facebook. It is actually a simplified version of Squished Status, which appeared in Facebook's coding competition. We also have its variation Decode Ways II for you to practice.

Design

Read N Characters Given Read4 and its follow up (part II) are quite often asked at Facebook according to our user survey. This is a pure coding problem, which corresponds well to the type of questions Facebook prefers. It is simple to think of an idea, but

Others

Here are some other Facebook interview questions for you to practice. Integer to English Words is quite frequently asked according to our user survey. Find the Celebrity is a cute problem but requires some out of box thinking and Facebook seems to like this

SQL

Are you applying for a Data Scientist position? You may be asked some basic SQL questions. Here are some SQL questions which has been asked by Facebook available for you to practice.

Discuss

23 topics - share ideas and ask questions about this card

Introduction

"Interviewing for a technical job is hard, and so is being the interviewer. You want to get that engineering job at Facebook, and we want to hire the best people (you!). Knowing what to expect on both sides can go a long way toward making the process work better."

- Carlos Bueno, an engineer in Facebook

Getting well prepared for an interview is important. However, preparing all questions asked is time consuming and stressful. The key points are practice and effective preparation.

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

Arrays and Strings

- ☑ Longest Substring Without Rep...
- ☑ String to Integer (atoi)
- ☑ Roman to Integer
- ☑ 3Sum
- ☑ Remove Duplicates from Sorte...
- ☑ Next Permutation
- ☐ Multiply Strings
- ☑ Group Anagrams
- ☑ Add Binary
- ☐ Minimum Window Substring
- ☑ Merge Sorted Array
- ☑ Valid Palindrome
- ☐ Read N Characters Given Read4

- [ ] Read N Characters Given Read...
- [ ] One Edit Distance
- [x] Product of Array Except Self
- [ ] Integer to English Words
- [x] Move Zeroes
- [ ] Longest Substring with At Most...
- [x] Validate IP Address
- [ ] Subarray Sum Equals K
- [ ] Valid Palindrome II

Linked Lists

- [x] Add Two Numbers
- [x] Merge Two Sorted Lists
- [ ] Copy List with Random Pointer
- [x] Reorder List

Trees and Graphs

- [x] Validate Binary Search Tree
- [ ] Flatten Binary Tree to Linked List
- [ ] Binary Tree Maximum Path Sum
- [x] Clone Graph
- [x] Binary Tree Right Side View
- [x] Number of Islands
- [x] Lowest Common Ancestor of a ...
- [ ] Binary Tree Paths
- [ ] Alien Dictionary
- [ ] Shortest Distance from All Buil...

- [ ] Diameter of Binary Tree
- [ ] Accounts Merge
- [ ] Convert Binary Search Tree to ... 🔓
- [x] Is Graph Bipartite?
- [ ] Binary Tree Vertical Order Trav... 🔓

Recursion ⟳

- [x] Letter Combinations of a Phone...
- [ ] Permutations
- [x] Permutations II
- [ ] Remove Invalid Parentheses
- [ ] Regular Expression Matching
- [x] Subsets
- [ ] Strobogrammatic Number II 🔓

Sorting and Searching ⟳

- [x] Divide Two Integers
- [x] Search in Rotated Sorted Array
- [x] Find First and Last Position of E...
- [x] Pow(x, n)
- [x] Merge Intervals
- [x] Find Peak Element
- [x] First Bad Version
- [ ] Intersection of Two Arrays
- [x] Intersection of Two Arrays II

Dynamic Programming ⟳

- [x] Longest Palindromic Substring

- [x] Longest Valid Parentheses
- [ ] Decode Ways
- [x] Best Time to Buy and Sell Stock
- [x] Word Break
- [ ] Range Sum Query 2D - Immuta...
- [ ] Continuous Subarray Sum

Design

- [x] LRU Cache
- [x] Binary Search Tree Iterator
- [x] Add and Search Word - Data st...
- [ ] Serialize and Deserialize Binary...

Others

- [ ] Expression Add Operators
- [x] Find All Anagrams in a String
- [x] Permutation in String
- [x] Verifying an Alien Dictionary
- [x] Interval List Intersections

SQL

- [ ] Second Highest Salary
- [ ] Nth Highest Salary
- [ ] Customers Who Never Order
- [ ] Friend Requests I: Overall Acce...
- [ ] Friend Requests II: Who Has th...
- [ ] Department Top Three Salaries

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