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Dec 30, 2018

New Year Gift - Curated List of Top 75 LeetCode Questions to Save Your Time

New Year Gift to every fellow time-constrained engineer out there looking for a job, here's a list of the best LeetCode questions that teach you core concepts and techniques for each category/type of problems! Many other LeetCode questions are a mash of the techniques from these individual questions. I used this list in my last job hunt to only do the important questions.

Good luck and Happy New Year!

Array

- Two Sum - <https://leetcode.com/problems/two-sum/>

- Best Time to Buy and Sell Stock - <https://leetcode.com/problems/best-time-to-buy-and-sell-stock/>

- Contains Duplicate - <https://leetcode.com/problems/contains-duplicate/>

- Product of Array Except Self - <https://leetcode.com/problems/product-of-array-except-self/>

- Maximum Subarray - <https://leetcode.com/problems/maximum-subarray/>

- Find Minimum in Rotated Sorted Array - <https://leetcode.com/problems/find-minimum-in-rotated-sorted-array/>

- Search in Rotated Sorted Array - <https://leetcode.com/problems/search-in-rotated-sorted-array/>

- 3Sum - <https://leetcode.com/problems/3sum/>

- Container With Most Water - <https://leetcode.com/problems/container-with-most-water/>

Binary

- Sum of Two Integers - <https://leetcode.com/problems/sum-of-two-integers/>

- Number of 1 Bits - <https://leetcode.com/problems/number-of-1-bits/>

- Counting Bits - <https://leetcode.com/problems/counting-bits/>

- Missing Number - <https://leetcode.com/problems/missing-number/>

- Reverse Bits - <https://leetcode.com/problems/reverse-bits/>

Dynamic Programming

- Climbing Stairs - <https://leetcode.com/problems/climbing-stairs/>

- Coin Change - <https://leetcode.com/problems/coin-change/>

- Longest Increasing Subsequence - <https://leetcode.com/problems/longest-increasing-subsequence/>

- Longest Common Subsequence -

- Word Break Problem - <https://leetcode.com/problems/word-break/>

- Combination Sum - <https://leetcode.com/problems/combination-sum-ii/>

- House Robber - <https://leetcode.com/problems/house-robber/>

- House Robber II - <https://leetcode.com/problems/house-robber-ii/>

- Decode Ways - <https://leetcode.com/problems/decode-ways/>

- Unique Paths - <https://leetcode.com/problems/unique-paths/>

- Jump Game - <https://leetcode.com/problems/jump-game/>

Graph

- Clone Graph - <https://leetcode.com/problems/clone-graph/>

- Course Schedule - <https://leetcode.com/problems/course-schedule/>

- Pacific Atlantic Water Flow - <https://leetcode.com/problems/pacific-atlantic-water-flow/>

- Number of Islands - <https://leetcode.com/problems/number-of-islands/>

- Longest Consecutive Sequence - <https://leetcode.com/problems/longest-consecutive-sequence/>

- Alien Dictionary (Leetcode Premium) - <https://leetcode.com/problems/alien-dictionary/>

- Graph Valid Tree (Leetcode Premium) - <https://leetcode.com/problems/graph-valid-tree/>

- Number of Connected Components in an Undirected Graph (Leetcode Premium) - <https://leetcode.com/problems/number-of-connected-components-in-an-undirected-graph/>

Interval

- Insert Interval - <https://leetcode.com/problems/insert-interval/>

- Merge Intervals - <https://leetcode.com/problems/merge-intervals/>

- Non-overlapping Intervals - <https://leetcode.com/problems/non-overlapping-intervals/>

- Meeting Rooms (Leetcode Premium) - <https://leetcode.com/problems/meeting-rooms/>

- Meeting Rooms II (Leetcode Premium) - <https://leetcode.com/problems/meeting-rooms-ii/>

Linked List

- Reverse a Linked List - <https://leetcode.com/problems/reverse-linked-list/>

- Detect Cycle in a Linked List - <https://leetcode.com/problems/linked-list-cycle/>

- Merge Two Sorted Lists - <https://leetcode.com/problems/merge-two-sorted-lists/>

- Merge K Sorted Lists - <https://leetcode.com/problems/merge-k-sorted-lists/>

- Remove Nth Node From End Of List - <https://leetcode.com/problems/remove-nth-node-from-end-of-list/>

- Reorder List - <https://leetcode.com/problems/reorder-list/>

Matrix

- Set Matrix Zeroes - <https://leetcode.com/problems/set-matrix-zeroes/>

- Spiral Matrix - <https://leetcode.com/problems/spiral-matrix/>

- Rotate Image - <https://leetcode.com/problems/rotate-image/>

- Word Search - <https://leetcode.com/problems/word-search/>

String

- Longest Substring Without Repeating Characters - <https://leetcode.com/problems/longest-substring-without-repeating-characters/>

- Longest Repeating Character Replacement - <https://leetcode.com/problems/longest-repeating-character-replacement/>

- Minimum Window Substring - <https://leetcode.com/problems/minimum-window-substring/>

- Valid Anagram - <https://leetcode.com/problems/valid-anagram/>

- Group Anagrams - <https://leetcode.com/problems/group-anagrams/>

- Valid Parentheses - <https://leetcode.com/problems/valid-parentheses/>

- Valid Palindrome - <https://leetcode.com/problems/valid-palindrome/>

- Longest Palindromic Substring - <https://leetcode.com/problems/longest-palindromic-substring/>

- Palindromic Substrings - <https://leetcode.com/problems/palindromic-substrings/>

- Encode and Decode Strings (Leetcode Premium) - <https://leetcode.com/problems/encode-and-decode-strings/>

Tree

- Maximum Depth of Binary Tree - <https://leetcode.com/problems/maximum-depth-of-binary-tree/>

- Same Tree - <https://leetcode.com/problems/same-tree/>

- Invert/Flip Binary Tree - <https://leetcode.com/problems/invert-binary-tree/>

- Binary Tree Maximum Path Sum - <https://leetcode.com/problems/binary-tree-maximum-path-sum/>

- Binary Tree Level Order Traversal - <https://leetcode.com/problems/binary-tree-level-order-traversal/>

- Serialize and Deserialize Binary Tree - <https://leetcode.com/problems/serialize-and-deserialize-binary-tree/>

- Subtree of Another Tree - <https://leetcode.com/problems/subtree-of-another-tree/>

- Construct Binary Tree from Preorder and Inorder Traversal - <https://leetcode.com/problems/construct-binary-tree-from-preorder-and-inorder-traversal/>

- Validate Binary Search Tree - <https://leetcode.com/problems/validate-binary-search-tree/>

- Kth Smallest Element in a BST - <https://leetcode.com/problems/kth-smallest-element-in-a-bst/>

- Lowest Common Ancestor of a BST - <https://leetcode.com/problems/lowest-common-ancestor-of-a-binary-search-tree/>

- Implement Trie (Prefix Tree) - <https://leetcode.com/problems/implement-trie-prefix-tree/>

- Add and Search Word - <https://leetcode.com/problems/add-and-search-word-data-structure-design/>

- Word Search II - <https://leetcode.com/problems/word-search-ii/>

Heap

- Merge K Sorted Lists - <https://leetcode.com/problems/merge-k-sorted-lists/>

- Top K Frequent Elements - <https://leetcode.com/problems/top-k-frequent-elements/>

- Find Median from Data Stream - <https://leetcode.com/problems/find-median-from-data-stream/>

You're welcome!

LeetCode

Binary Tree Maximum Path Sum - LeetCode

Given a non-empty binary tree, find the maximum path sum. For this problem, a path is defined as any sequence of nodes from some starting node to any node in the tree along the parent-child connections. The path must contain at least one node and does not necessarily have to be a root to leaf sequence.

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Apple · apeAndApe · Dec 31, 2018

What is the basis of this short list? How did you come up with the list? What is the criteria?

40

Reply

Facebook · tech lead · Dec 31, 2018

I did 400-500 LC questions last time and distilled the most useful questions from my experience into this list.

280

Apple · apeAndApe · Dec 31, 2018

Ok, thank you

2

American Express · LJJE01 · Mar 4, 2022

AMAZING!!!!

Like

New · blind_boy · Jul 26, 2019

Is this good enough for Facebook onsite?

10

Reply

Intel · gtf62019 · Jul 26, 2019

No

1

New · blind_boy · Aug 13, 2019

Yes !
I received an offer from FBI!

129

Microsoft · whatchado · Aug 24, 2019

Hey blindboy congrats! May I ask you how many you solved in total (lifetime)? How many tagged FB questions? Or did you only solve the ones here?

1

View 5 more replies...

New · srjJ86 · Jul 24, 2019

Have done about 500 and I approve this!

72

Reply

Microsoft · meanwhile · Aug 2, 2019

You still have not started interviewing?

2

New · srjJ86 · Aug 3, 2019

Got one faang and one big N job actually.

7

Microsoft · meanwhile · Aug 3, 2019

Congrats! Have you failed any after completing 500?

2

View 6 more replies...

Cisco · Jgudvrvv · Dec 30, 2018

Let the grind begin

78

Reply

Pandora A/S · markbezo · Dec 4, 2020

Thanks stranger for this awesome list! I did these and related problems to these. My leetcode count is approx 135. I cracked 2 FAANG interviews with help of this list :)

58

Reply

PayPal · JLeT47 · Dec 4, 2020

Which ones are they ?

Like

Pandora A/S · markbezo · Dec 7, 2020

Amazon and Google.

16

Amazon · ruPw73 · Dec 13, 2020

Congrats bro

1

View 1 more reply...

Vertivco · FastPapuan · Dec 30, 2018

Sir.
You forgot Cherry Picking #741.

65

Reply

Flipkart · xWPa85 · Jun 18, 2021

Cherry Pickup gives me nightmares

11

New · Zxtc · May 3, 2019

In Leetcode list form: <https://leetcode.com/list/xoqag3yj/>

63

Reply

eBay · gkhldncjs · Aug 13, 2019

but there are only 74 of them :(

3

Amadeus · yomansat · Apr 19, 2021

It's not premium, this is the missing one (had no link in the OP):
Longest Common Subsequence
<https://leetcode.com/problems/longest-common-subsequence/>

3

Mentor Graphics · wJp15 · Dec 30, 2018

You are the hero that blind don't deserve

61

Reply

Microsoft · FishyFish · Dec 31, 2018

Thank you! I'm brushing up algo for google interview

3

Reply

Vertivco · FastPapuan · Jan 2, 2019

This list is not enough for Google.

6

Vanguard · Boglehead · Jan 6, 2019

What do you recommend adding?

3

Oracle · NUXK82 · Jan 8, 2019

+1

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New · KCce15 · May 26, 2020

Is this list still adequate today when prepping for current standard of interviews?

2

Reply

Walmart · scd151 · Jun 9, 2020

Looks like a very good list to me. But it's not enough just to do the problems. Have a very solid understanding of the technique used to solve them. Whenever you approach a new problem you should be going through in your mind all the techniques. Can you use binary search, quick select, topological sort, dp, Union find, DFS,BFS, etc. now some can learn the techniques in 50 problems while others need to do 500 to drive the points home. The main idea is being able to identify and apply the right technique. You likely won't be given a graph explicitly, but a problem that may resemble one depending how you organize the provided input. ok so maybe you can organize the data in a graph like way, what graph algorithms you know? Can they be applied to find what the interviewer is asking?

52

NetApp · UF0812 · Apr 10, 2021

+1

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