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HOME INDUSTRIES TECH

Facebook / Eng tech lead

Dec 30, 2018 144 Comments

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

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## 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/>

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## 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-iv/>
- 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/>

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## 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/>

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## 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/>

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## 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/>

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## 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/>

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## 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/>

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## 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 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/>

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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!



Binary Tree Maximum Path Sum - LeetCode

 Leetcode

- Google
- Microsoft
- Amazon

853

144

Add a comment

144 Comments

RECENT

Oath zzzhh

Following

Sep 23

0

0

HERE / IT hrThrNoWr

following

Sep 21

0

0

JPMorgan Chase quant\_dev\_

Is this still relevant today

Sep 2      1      1

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[Expedia Group](#) UK->Canada

No way, it's just for starters and may be for smaller or medium size companies

Sep 21      0

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[Informatica](#) Deal Dow

Following

Sep 1      1      0

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[Expedia Group](#) emp01

Following

Aug 29      1      0

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[Stanbic IBTC](#) Bradd4501

Thanks

Aug 26      0      0

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[Amazon](#) r7sea

Nice compilation!

Aug 20      0      0

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[eXp Realty](#) UOnG51

Following

Aug 18      0      0

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[Cisco / Eng](#) vFhK62

Is this list still applicable in august 2021 ? Have onsites coming. Please help :)

Aug 4      12      3

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[Wells Fargo](#) vat69

Following..

Aug 4 1

[Microsoft](#) EUYx58

Following

Aug 15 0

[CATALYST.Earth](#) ollvlase

definitely

Aug 20 0

[Datadog](#) bnkgf

Is it just me or the array section is just DP again?

Jul 16 2 0

[Rippling / Eng](#) iGsM05

Longest Consecutive Sequence is not a graph problem.

Jul 4 0 0

[Financial Services Company](#) cryptokid

Why did you decide that 5 binary problems should make this list? I feel like there is only a 0.00001% of getting asked a question like that

Jun 7 2 1

[Amazon](#) vHUQ52

I was gonna ask same. Is this more of an entry level candidate question? I'm not planning to prep this too much as a senior

Jun 23 0

[Universal Instruments](#) OneDay\_I

Thanks n respect 🙏

May 19 0 0

[PayPal](#) ftlAlways

Thanks! Really helpful!

May 19 0 0

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[Verizon Media](#) fTNb26

Thank you so much. btw how long it took you to hit 400+ questions.  
Do you mind sharing your strategy on keeping with solving LC.

May 1 1 0

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[Google](#) sm143

Is this list considered relevant still? I'd love to see other people share their experience with this list!

Apr 21 2 2

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[Cisco](#) Dilbara

I got questions from same list obviously not all questions will come from same list. But as already lot of people have mentioned above this is one of the best list. Take this info as pinch of salt.

Apr 21 1

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[Amazon](#) / Eng ruPw73

Nope, but questions are good

Apr 21 0

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[Boeing](#) rargwhgehe

I have done over 350 leetcode. This is one of the best compilation out there.  
I have been asked similar questions on Facebook and PayPal

Apr 15 13 4

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[Cisco](#) / Eng Jsonf

Did u get offers?

Apr 21 0

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[Boeing](#) rargwhgehe

Yes. L4 Twilio TC 71

May 1 2

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[New](#) / Eng wStF82

@Boeing. Is this Bangalore office ?

May 2 0

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Boeing rargwhgehe

Yes

May 4 1

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Indeed abcedke

popcorn

Apr 10 1 0

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Workday O B AMA

Except the questions are too easy nowadays

Mar 8 3 1

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Apple Health>TC

On this list or the interviews?

Apr 6 2

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Amazon MoatGloat

Just discovered this. Wow, what a treasure. Thanks so much OP for compiling this, I'm beginning my rounds of interviews now and this is absolutely gold.

Mar 8 6 1

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Apple Health>TC

Hey was this list still relevant for your interviews?

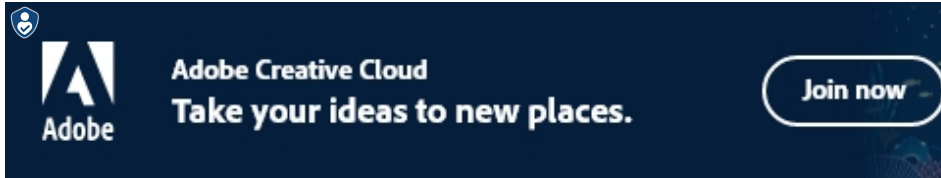
Apr 6 2

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[+ View more comments...](#)

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## POPULAR IN Tech Industry

### I've been a SWE recruiter at FB for 5 years. Ask me anything!

Ask me anything you want to know about interviewing, company culture, comp, etc. :)

Facebook FBR11616 | **48591** Views **889** Comments

### Craziest workaholic you have seen?

Don't tell me about working 7 days a week or never using vacation. Those are normal, even required to keep your job sometime. I want to hear something like giving up kids. Some real sacrifice of life to get promotion. I know...

Microsoft JfAS37 | **43319** Views **851** Comments

## POLL

### Dealing with annoying new hire

We have a new senior eng in our team who joined this summer. He is annoying af and has already started criticizing the way we do things and questioning our designs. I don't think he understands the depth of everything...

Uber papavarga | **44601** Views **5789** Votes

## POLL

### Am I insane for picking LinkedIn over FB ?

Recently got multiple offers, but LI and FB were my too two choices. I accepted LI due to following reasons: 1.) Better WLB 2.) Liked the team 3.) Flexibility to work from India and move to India with RSUs retaining LI offer (SS...

Salesforce rockingda | **44636** Views **768** Votes

### Heard that a friend shared a fake FAANG offer at existing company and they kind of matched it.

Heard that a friend shared a fake FAANG offer at existing company and they kind of matched it. It seems he replaced his name on his friends offer letter. 🤔 How come the HR's don't know if other companies offer letter is...

Intel parle—G | **50818** Views **465** Comments

### Apple WFH until at least Oct. 2021

Apple just announced wfh until at least Oct. If I had to bet, we won't go back until Jan or Feb of 2022 now. <https://www.bloomberg.com/news/articles/2021-07-20/apple-will-postpone-return-to-office-after-covid-19-persists...>

Apple PDX\_TPM20 | **32524** Views **377** Comments

## See more on Tech Industry

### RECOMMENDED TO YOU

#### POLL

#### What to do with my last 2 years at G before cliff? (newly promoted L5)

Getting L5 this cycle, which is a good time to revisit next steps. I'm currently in a specialist low-level C++ role but exploring a switch to backend for more widely marketable skills. I have a looming cliff in 2 years (mid 2023) from...

Google / Eng CliffIn2Yr | 505 Views 45 Votes

#### Linkedin #ThisLittleGirlsMe #ThisLittleBoysMe

Honestly nothing against men or women. So please don't beat me. Recently, i m seeing lot of self appreciation posts by professionals men or women. Whats is this about ? Usually everyone who is having a job started a bit...

Amazon gh637fse | 793 Views 29 Comments

#### Where can I go to in NYC to make 400k+ TC?

Current TC 300-400k depending on stock price, 4 YOE. Looking to make a change and increase TC. Focused on WLB and don't want to work at FAANG for ethical reasons.

MongoDB kHuY87 | 573 Views 36 Comments

#### LINK

#### Andy Jassy's email today about wfh policy at Amazon

Does it mean corporate employees can wfh permanently with director's approval now? Edit:  
<https://www.aboutamazon.com/news/workplace/amazon-offering-teams-more-flexibility-as-we-return-to-office>

HCL notathcl | 29923 Views 144 Comments

#### 5% of Amazonians consider leaving company

... according to an anonymous internal tech survey. If we can align it with Pareto law, we are golden.

Amazon pip4food | 1727 Views 45 Comments

### MOST READ

#### POLL

#### What to do with my last 2 years at G before cliff? (newly promoted L5)

Linkedin #ThisLittleGirlsMe #ThisLittleBoysMe

Where can I go to in NYC to make 400k+ TC?

LINK

Andy Jassy's email today about wfh policy at Amazon

5% of Amazonians consider leaving company

Stripe pampering employees

Rejoining Google - sent to hiring committee - is it bad news?

Worth trying AWS L6 SDE with 3yoe?

Are google/Facebook really the highest paying employers?

How do you get Omkar's videos at IK?

## RELATED KEYWORDS

Amazon L6

Amazon L7

Google L4

Google L5

Leetcode

Salary Comparison!!