

Sharing some resources I used to prepare for the coding assessments/interviews .The resources/problems are not exhaustive.

Top:

1. If you want to see LC premium problems, refer to

1. www.leetcode.com

2. www.leetcode.ca

2.For learning important algorithms and standard problems, refer

<https://www.thealgorists.com/Algo>

Websites:

1. www.leetcode.com
2. www.interviewbit.com
3. <https://cp-algorithms.com/>

Books:

1. <https://cses.fi/book/book.pdf> (Covers standard algorithms)
2. <https://tinyurl.com/kzkhsad8> (little bit advanced)

Blogs:

1. <https://codeforces.com/blog/entry/57282> - (All the good tutorials on cf)
2. <https://codeforces.com/blog/entry/67679>- (dp tutorial and problems list codeforces)
3. <https://tinyurl.com/ytmr59ku> (important links all over leetcode)
4. <https://codeforces.com/edu/course/2/lesson/6> (Binary search, Codeforces)

Youtube:

1. <https://tinyurl.com/p4tt4vha> (graph algorithms, William Fiset)
2. <https://tinyurl.com/jj422vu8> (DP, Kartik Arora)
3. <https://tinyurl.com/4ydc9e2y> (DP, Aditya Verma)
4. <https://tinyurl.com/w74mhkxu> (OS, Sanchit Jain(detailed))
5. <https://tinyurl.com/3ajp33m9> (DBMS)
6. <https://tinyurl.com/e3wj7ub5> (OS, concise, 20 videos(10-20 min))
7. <https://tinyurl.com/24b5kwtp> (Tushar Roy, Youtube channel)
8. TechDose, Love Babbar, Take U forward (Youtube Channels)

Mock Interviews:

1. www.pramp.com

Online courses: (1,2 can be audited for free with github student developer pack 3,4 google drive links attached)

1. <https://tinyurl.com/3krfcxrr> (SQL, educative.io)
2. <https://tinyurl.com/me9vf667> (OOP through Java, educative.io)
3. <https://tinyurl.com/yjztmhtx> (Grokking DP, educative.io)

4. <https://tinyurl.com/yv9nf7ec> (Grokking the coding interview, list of coding problems by patterns)

System Design: (Some companies will ask system design in interview rounds)

1. <https://tinyurl.com/bzajm7t4> (Grokking the system design -google drive)
2. <https://tinyurl.com/259wh78u> (Gaurav Sen Youtube Playlist)
3. <https://github.com/donnemartin/system-design-primer...> (System Design Primer Github Repo)

Problem Checklists:

1. <https://tinyurl.com/6nxcdaww> (Striver_79 sheet for SDE)
2. <https://tinyurl.com/u56fwvu5> (Blind 75 must do leetcode problems)
3. <https://tinyurl.com/58dhts5u> (Standard Graph problems on leetcode)
4. <https://leetcode.com/list/5nnlnb02> (leetcode must do easy)
5. <https://leetcode.com/list/5n5dl3pc> (leetcode must do medium)

IIT-BITS-NIT Previous Placements experience and Problems sheets: (To open the problem sheet lists, do select the url and copy it (Don't do "Copy link address ") and paste it in a new tab.

Opening the link on new tab isn't working.

1. <https://tinyurl.com/vk2r5hrh> (2020-2021)
2. <https://tinyurl.com/35wj5byx> (2019-2020)
3. <https://tinyurl.com/jsys3zm7> (2018-2019)
4. <https://tinyurl.com/er8av262> (2017-2018)
5. <https://tinyurl.com/ywkctm78> (Company-wise leetcode questions list)
6. <https://leetcode.com/list/5vh62j3e> (Arrays)
7. <https://leetcode.com/list/5vh6z0be> (Two Pointers)
8. <https://leetcode.com/list/5vh68xr1> (Sliding Window)
9. <https://leetcode.com/list/xcnhj6ac> (Binary Search)
10. <https://leetcode.com/list/xfmp5ghj> (Tree - DFS)
11. <https://leetcode.com/list/xfmpx45v> (Tree -BFS)
12. <https://leetcode.com/list/xfmrcn26> (Backtracking)
13. <https://leetcode.com/list/5vh6vsuv> (Standard DP)
14. <https://leetcode.com/list/xfmrydv5> (Fast & Slow pointers - Hare & Tortoise technique problems)
15. <https://leetcode.com/list/5vh6i2nh> (K- way merging of lists)
16. <https://leetcode.com/list/5vh6upa3> (Merge Intervals)
17. <https://leetcode.com/list/5vh68jo7> (Top K elements)
18. <https://leetcode.com/list/xfmrba2> (Standard Tree Problems)

As soon as the company comes to hire, go through its interview experiences in geeks for geeks, leetcode general discuss questions, and solve the questions if they are included in

the experiences. There is a high chance of getting similar questions again. Don't hurry/give up in the middle of the placements. Don't take tension. Go through PU chronicles also.

Learning from your friends and discussing with them makes you focussed.

---Feel free to share if you have other resources.---

Note: (Drop a message to me after you get placed && if this post has been helpful).

These are to help you, following these not going to guarantee your placement in any way

All the best. Thanks.