THRIVE WITH ASHISH

Journey to be excellent in Data Structures, Algorithms and Problem Solving

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1

Understand the concepts of Data Structure/Algorithm you pick to study.

Example:

If you are studying Linked List,

- Understand not only the structure of Linked List but also understand how the operations are being performed in LL like addition/deletion etc.

- Understand its advantages over other Data Structure like why do we use Linked List over Array or vice versa

NINJA TECHNIQUE to master what you studied in first point.

2

Implement data structure/algorithm in the language of your own choice.

- This step is so underrated by candidates as they say most of the modern languages provide libraries that already have readymade collections/ds. But guys this implementation is not that you will use that while coding but to master the internals of that.

- After implementing the basic ds/Algos by yourself you will notice the difference that while solving problems you will be able to detect which DS/algo to be used.

3

Solve as many problems as you can solve based on the DS/Algo you studied.

Choose a platform of your choice like Leetcode and sort the problem based on topic and practice.

4

(Optional) If possible after doing the above steps, you can also read the code of the already implemented DS library of the language you chose.

Example:

Java Collection code is open source and you can directly study that, that way you will also understand how the implementation is being done in the most optimized way.

Happy Learning, and I will be sharing some good resources to study all these data structures and concepts in my other post.

Please comment down for any doubts or suggestions--

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