

JAN '20

9

THU

DSA full RoadMap.

- Stick to one programming language like C++, Java, C

Day 1

→ Understand the concept of Algorithmic Complexity.

Skip the theory for Now, but every piece of code you write, you should be able to derive both time & space complexity.

Day 2-10

→ Start with some simple data structures

1. Arrays
2. Linked Lists
3. Lists
4. Strings
5. Stacks
6. Queues.

Understand their basics and code them all.

Day 11-25

→ Learn some simple algorithms.

1. Sorting
2. Search
3. Prime num.
4. Strings.

Day 25-50

Start doing problems from.

1. Cracking coding interview
2. Elements of ...

3. HackRanks
4. Hackerearth
5. Grecksfor Greeks.
6. Interview Bits

Day 51-60

: learn some non linear - DS

1. Tree
2. Hash table
3. Graph.

Day 61-90

: Start doing Problems from various websites and Books.
(Hackthons)

Day 101-∞

: you are now better than most of CS undergrads.

Keep revising the above topics and
Competative Programming.

