

HOW TO GET STARTED WITH DSA AND CP

Check out the full video on [YouTube](#) by
[#TheLeanProgrammer](#)



BEFORE WE JUMP ONTO RESOURCES

A Basic Roadmap...

"Do Parallely"

1. "Data structures and algorithms" by Narasimha Karumanchi
2. "Cracking the Coding Interview"
3. SPOJ Basic Problems
4. LeetCode
5. Pramp Mock Interviews
6. Lots of side projects
7. Geeks for Geeks past year questions

Resource #1

CODECHEF COLLECTION

<https://www.codechef.com/certification/data-structures-and-algorithms/prepare>

Resource #2

VISUALIZE ALGORITHMS

<https://visualgo.net/>

Resource #3

"DATA STRUCTURES AND ALGORITHMS" BOOK

Search "dsa by narasimha karumanchi pdf" on google

Resource #4

"CRACKING THE CODING INTERVIEW" BOOK

Search "cracking the coding interview pdf" on google

Resource #5

GEEKSFORGEEKS

<https://www.geeksforgeeks.org/>

Resource #6

TUTORIALS POINT

TutorialsPoint DSA

Resource #7

INTRODUCTION TO ALGORITHMS - MIT OCW

<https://ocw.mit.edu/courses/electrical-engineering-and-computer-science/6-006-introduction-to-algorithms-fall-2011/>

Resource #8

DATA STRUCTURES - MYCODESCHOOL YOUTUBE PLAYLIST

Data Structures - MyCodeSchool

Resource #9

INTRO TO ALGORITHMS - UDACITY

[https://www.udacity.com/course/intro-to-algorithms--
cs215](https://www.udacity.com/course/intro-to-algorithms--cs215)

Resource #10

DATA STRUCTURE IN JAVA - UDEMY

<https://www.udemy.com/course/data-structures-part-1-lognacadeemy/>

Resource #11

DATA STRUCTURES CONCEPTS - UDEMY

<https://www.udemy.com/course/data-structures-in-c/>

Resource #12

DSA DEEP DIVE USING JAVA - UDEMY COURSE (PAID)

<https://www.udemy.com/course/data-structures-and-algorithms-deep-dive-using-java/>

Resource #13

FOUNDATIONS OF DATA STRUCTURES - EDX

<https://www.edx.org/course/foundations-of-data-structures>

Resource #14

DATA STRUCTURES AND ALGORITHMS - COURSERA

<https://www.coursera.org/specializations/data-structures-algorithms>

Resource #15

CODING MADE SIMPLE - TUSHAR ROY'S YT CHANNEL

Tushar Roy YouTube Channel

Resource #16

CP TIPS AND TRICKS - RACHIT JAIN YOUTUBE PLAYLIST

Resource #17

AKSHAY SAINI YOUTUBE CHANNEL

Akshay Saini - YouTube

Resource #18

PEPCODING YOUTUBE CHANNEL

<https://www.youtube.com/Pepcoding>

Resource #19

JAVASCRIPT ALGORITHMS - COLT STEELE

<https://www.udemy.com/course/js-algorithms-and-data-structures-masterclass/>

Resource #20

ONLINE PLATFORMS FOR PRACTISE

1. SPOJ
2. HackerRank
3. LeetCode
4. InterviewBit
5. CodeChef
6. TopCoder
7. Project Euler

ASK

#THELEANPROGRAMMER

<https://madhavbahl.tech/ask>