

DSA for FAANG preparation with Python and JavaScript

A comprehensive chase to excel any interview for the Data Structures and Algorithms. This course has been specifically designed to provide resources that would assist you in cracking problem-solving interviews. The presented problems in the course would suffice to look on to positive outcomes in the interviews.

Instructors:

Priya Bhatia:

Expertise in data structure competitive programming and solving analytical problems and implementing data structure algorithm in multiple programming language. I have done my M.Tech in Artificial Intelligence at IIT Hyderabad and have an experience of implementation in multiple projects.

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Hitesh Choudhary:

I like to make videos related to code and tech in my free time. I also lead a few tech teams in startups, help in hiring talent for companies. I am also on a part time traveller, with 31 countries checked off so far!

- linkedin: <https://www.linkedin.com/in/hiteshchoudhary/>
- youtube: <https://www.youtube.com/c/HiteshChoudharydotcom>

Anurag Tiwari:

Hey, I am Anurag Tiwari, a developer at learncodeonline. We have built a scalable system handled by 300K users on a daily basis. I'm a software developer who constantly seeks innovative solutions to everyday problems. I have been teaching students for the last 24 months.

Shishir Chandra:

Shishir Chandra currently works with Target Platform engineer team as Director of engineering in distributed processing systems space. Shishir has a wide variety of experience in building and scaling up low latency and high throughput systems in various cloud stacks in companies like Adobe, Apple, Cohesity and Inmobi in the past. Shishir's area of expertise is in distributed platforms, databases, transactional and realtime systems, big data processing, Microservices and streaming systems and distributed files systems. Shishir is also an open source contributor with elastic search.

Curriculum:

- Analysis in Algorithms
- Data Structure Introduction
- Array Data Structure
- Interview Question on array
- Recursion in depth
- Divide and Conquer algorithm
- Applications of Divide and Conquer
- Linked List Data Structure
- Interview Question on Linked List
- Circular Linked List
- Doubly Linked List
- Skip List
- Stack and Queue
- Interview Question on Stack and Queue
- Hashing Data Structure

- Collision Resolution Techniques
- Tree Data Structure
- Tree Traversal
- Binary Search Tree
- Height Balanced Tree: AVL Tree

Requirements:

- System with Internet Connection
- Interest to learn
- Dedication