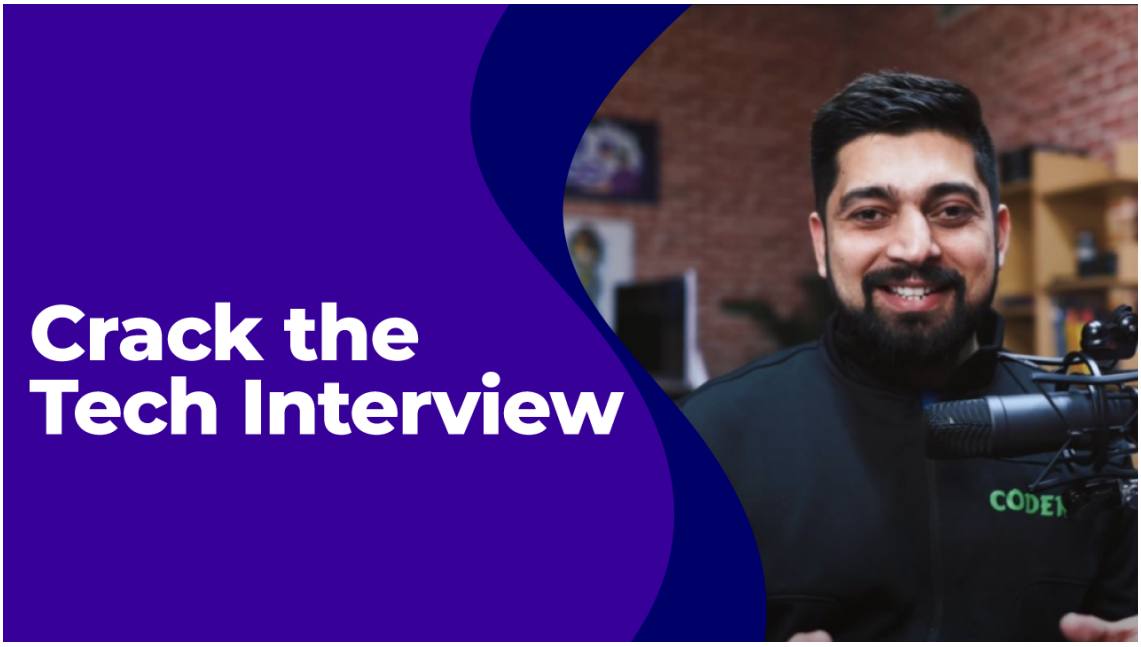
Welcome to ineuron.ai



Crack the Tech Interviews

Description:

Algorithmic programming techniques are a must-have skill. Learn Algorithms through programming and puzzle solving to advance your Software Engineering or Data Science career. Then, implement each algorithmic problem in this program to ace coding interviews.

Start Date:

Doubt Clear Time:

Course Time:

Features:

Course material

Course resources

On demand recorded videos

Practical exercises

Quizzes

Assignments

Course completion certificate

What we learn:

Non Tech Round Preparation

Array interview problems and solutions

String interview problems and solutions

Recursion interview problems and solutions

Linked list interview problems and solutions

Math interview problems and solutions

Stack and Queue interview problems and solutions

Sorting interview problems and solutions

Trees interview problems and solutions

Graphs interview problems and solutions

Dynamic programming interview problems and solutions

Requirements:

System with Internet Connection

Interest to learn

Dedication

Instructor:

Name:

Hitesh Choudhary

Description:

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!

>Preparing for the interview:

>>FAQ before taking this course

>>How to take this course

>Non Tech Round Preparation:

>>Are you ready for interviews

>>Your resume needs more work

>>8 point resume check list

>>Handle experience section

>>FAANG interview process

>>How to find jobs

>>3 pillars of answers

>>Tell me about yourself

>>Why our company

>>Recent project problem

>>Tell me your weakness

>Array interview problems and solutions:

>>Binary search - How to explain in interview

>>Binary search - recursion explanation

>>Binary search - iterative explanation

>>Rotation of array - expected explanation

>>Pivot problem code

>>Search in rotated array - Theory

>>Search in rotated array - Code

>>Find by comparision

>>Find by comparision - crafting code

>>Target Triplet

>>Target Triplet Code expected solution

>>Move to 1 side problems

>>Move to 1 side code

>>Sell at max profit problem

>>Sell at max profit code

>String interview problems and solutions:

>>Word in a sentence problem

>>Word in a sentence problem Code

>>Inplace duplicates

>>Inplace duplicates code

>>Longest Substring

>>Longest Substring Code

>>Palindrome makes and breaks interviews

>>Palindrome makes and breaks interviews CODE

>Recursion interview problems and solutions:

>>PreReq for recursion

>>Classic fibonacci problem but with diary

>>Classic fibonacci problem but with diary code

>>Popular subset problem

>>Popular subset problem CODE

>>Decimal to binary for Round 1

>>Decimal to binary for Round 1 Code

>>NearBy Duplicates

>>NearBy Duplicates Code

>>Pascal nth row

>>Pascal nth row Code

>Linked list interview problems and solutions:

>>Approach for linked list and head

>>Approach for linked list and head Code

>>Insert in doubly linked list

>>Insert in doubly linked list Code

>>Tail insertion in doubly linked list

>>Tail insertion in doubly linked list Code

>>Deleting a val in doubly linked list

>>Deleting a val in doubly linked list Code

>>Reverse a doubly linkedlist with traveller

>>Reverse a doubly linkedlist with traveller Code

>>Floyds loop detection

>>Floyds loop detection Code

>>Merge 2 linked list

>>Merge 2 linked list code

>Math interview problems and solutions:

>>Not counted in

>>Permutation explanation on White board

>>Permutation explanation code

>>kth Permutation theory explained

>>kth Permutation code

>>Bit manipulation

>>Bit manipulation Code

>Stack and Queue interview problems and solutions:

>>Stack using queue

>>Stack using queue Code

>>Stack using queue - Approach 2

>>Stack using queue - Approach 2 Code

>>Queue using stack

>>Queue using stack Code

>>Queue using stack - approach 2

>>Queue using stack - approach 2 Code

>>Stock Spanning

>>Stock Spanning Code

>>Valid brackets

>>Valid brackets Code

>Sorting interview problems and solutions:

>>Bubble Sort

>>Bubble Sort Code

>>Selection Sort

>>Selection Sort Code

>>Insertion sort

>>Insertion sort Code

>>Merge Sort

>>Merge Sort Code

>>Quick Sort

>>Quick Sort Code

>>Tea Coffee and Milk problem

>Trees interview problems and

solutions:

>>A quick word before problems

>>Same tree problem

>>Same tree problem Code

>>Killer pays road tax problem

>>In order iterator

>>In order iterator Code

>>Flip or Inverse a Binary tree

>>Flip or Inverse a Binary tree Code

>>Level order of tree

>>Level order of tree Code

>>Boundary of a tree

>>Boundary of a tree Code

>Graphs interview problems and solutions:

>>Basics of graph theory

>>Clone a graph or copy

>>Clone a graph or copy Code

>>DFS and Cycle detection with University course problem

>>DFS and Cycle detection with University course problem CODE

>>Breadth first search for graphs

>>Breadth first search for graphs CODE

>>Island problem

>>Island problem CODE

>Dynamic programming interview problems and solutions:

>>Foundataion of dynamic programming

>>0Knapsack - Coke 2C pepsi 2C redbull

>>0Knapsack - Coke 2C pepsi 2C redbull CODE

>>Largest sum of subset

>>Largest sum of subset Code

>>Largest sum - Difficult

>>Largest sum - Difficult CODE

>>Coin change problem

>>Coin change problem CODE

>>Min path to reach target

>>Min path to reach target CODE