

| | | | | | | | | | | | | |
|-----------------------|----------------------------|-----------------------|--------------------------|----------------------------------|-----------------------------|---------------------|----------------------|------------------------|------------------------|----------------------------|-------------------------|-----------------------|
| Home | Algorithms | DS | GATE | Interview Corner | Q&A | C | C++ | Java | Books | Contribute | Ask a Q | About |
| Array | Bit Magic | C/C++ | Articles | GFacts | Linked List | MCQ | Misc | Output | String | Tree | Graph | |

vrtnl ya

Online Round

1 hour coding contest, different set of coding problems were given. They were manually evaluated. I was able to score 2nd highest score in my batch. They were judging you on these factors proper Algorithm, and clear code.

20 people were shortlisted after this round.

Round 1

<http://www.geeksforgeeks.org/find-first-non-repeating-character-stream-characters/>

N -ary tree given ,print the zig zag order traversal

<http://www.geeksforgeeks.org/level-order-traversal-in-spiral-form/>

Link list consist of 0 and 1 ,arrange it in such a way that all 0's on the left and all 1's on right

Given an sorted array find a pair such that their sum is equa to key value.

My friend gave me the solution in order(n), he told him tell the solution in O(logn) , just to test his temperament.

6 were shortlisted out of 20

Round 2

There was discussion on my project for about 15 mins . Since my project was based on web crawling he asked me

Find top 10 urls used by clients and 10 clients accessing the urls for 1 day of data . I answered by using heap ,he asked to me ,how insertion works in a heap .

Puzzle : 25 horses race, he modified it to 30 horses

Given a string without spaces and a dictionary return or print all possible ways that the string can be broken so that only valid words are formed.

Ex. "programmerit", dict = { "pro", "gram", "merit", "program", "programmer", "it" }

ans: { { "pro", "gram", "merit", }, { "program", "merit", }, { "programmer", "it" } }

3 were shortlisted

Round 3

Position of knight and king in a Chess board, find the minimum no of moves knight can move to reach king position.

Boundary traversal of Binary tree

All permutation of string ,with and without duplicates

HR round

Tell me about yourself.

3 Strengths,3 weaknesses, 3 things you like and hate about you college, why payu, why coding?, motivation, challenging moment.

Things we were judged was effort and all codes were asked to code .

If you like GeeksforGeeks and would like to contribute, you can also write an article and mail your article to contribute@geeksforgeeks.org. See your article appearing on the GeeksforGeeks main page and help other Geeks.

[Interview Experiences](#)
[Advanced Data Structures](#)
[Dynamic Programming](#)
[Greedy Algorithms](#)
[Backtracking](#)
[Pattern Searching](#)
[Divide & Conquer](#)
[Mathematical Algorithms](#)
[Recursion](#)
[Geometric Algorithms](#)

Related Topics:

- [Amazon Interview Experience | Set 184 \(Off Campus for SDE1\)](#)
- [D E Shaw Interview | Set 8 \(Telephonic Round Questions\)](#)
- [SAP Labs Interview Experience | Set 7](#)
- [SAP Labs Interview Experience | Set 6 \(Experienced\)](#)
- [Lenskart Interview Experience for Application Developer](#)
- [Amazon Interview Experience | Set 183 \(SDE – New Grad Position\)](#)
- [Accolite Interview Experience | Set 3 \(On-Campus\)](#)
- [Snapdeal Interview Experience | Set 12 \(For Senior Software Developer\)](#)

Tags: [Payu](#)



4

Tweet



1

Writing code in comment? Please use [ideone.com](#) and share the link here.

string

[All permutations of a given string](#)

[Memory Layout of C Programs](#)

[Understanding "extern" keyword in C](#)

[Median of two sorted arrays](#)

[Tree traversal without recursion and without stack!](#)

[Structure Member Alignment, Padding and Data Packing](#)

[Intersection point of two Linked Lists](#)

[Lowest Common Ancestor in a BST.](#)

[Check if a binary tree is BST or not](#)

[Sorted Linked List to Balanced BST](#)

Follow [@GeeksforGeeks](#)



Subscribe

string

Shashank Kumar Doesn't work correctly: Box
arr[] = {{1,1,1},...

[Dynamic Programming | Set 22 \(Box Stacking Problem\)](#) · 14 minutes ago

ravi if only 2 nodes r there then segmentation...
[Remove duplicates from a sorted linked list](#) · 14 minutes ago

manish perfect

[Check whether a given Binary Tree is Complete or not](#) · 20 minutes ago

NITIN PANCHAL We can use the following
algorithm take the...

[The Great Tree-List Recursion Problem.](#) · 34 minutes ago

Vaibhav Bhandari The avg case for optimized
binary search looks...

Find the row with maximum number of 1s · 36 minutes ago

surbhijain93 Method

1<http://ideone.com/VOP3jC>

Connect nodes at same level · 45 minutes ago
