



Techniche 2020  
Internship and Placement Workshops  
**Data Structures and Algorithms  
Bootcamp**

## **Session 1:**

- Dynamic Programming
- 1D
- Grid Based

## **Session 2:**

- Graphs
- Cycle Detection
- Topological Order

## **Session 3:**

- Stack and Queue
- Max window of size k using deque
- Questions based on DP on strings to be solved by stacks

## **Session 4:**

- Divide and Conquer
- Maximum subarray sum using divide and conquer
- Binary Search and application