Algorithms

**Basic section**

1. Time Complexity
2. Space Complexity

**Sorting Algorithms (** Fundamentals **)**

1. Bubble sort
2. Insertion sort
3. Selection sort
4. Merge sort
5. Quick sort
6. Heap sort
7. Counting sort
8. Radix sort
9. Bucket sort

**Searching Algorithms**

1. Linear Search
2. Binary Search

**Graph**

1. Breadth First Search (BFS)
2. Depth First Search (DFS)

**Dynamic Programming**

**Recursion**

**Backtracking**

**BIT Manipulation**

**Math**

**Greedy**

**Divide and conquer**

Ref:

1. <https://www.geeksforgeeks.org/top-10-algorithms-in-interview-questions/>
2. <https://levelup.gitconnected.com/essential-data-structures-and-algorithms-for-coding-interviews-a283c755b304>