

Data Structures & Algorithms Tracker

Easy

Complexity Analysis

U C I A

Singly Linked List

U C I A

Doubly Linked List

U C I A

Selection, Bubble, Insertion sort

U C I A

Arrays

U C I A

Stack

U C I A

Queue

U C I A

Binary Search

U C I A

Hashmaps

U C I A

Tree (Representation)

U C I A

Graph (Representation)

U C I A

Recursion (Basics)

U C I A

2 Pointers

U C I A

Medium

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|---|---|---|------------------------------------|
| <div>Tree (Manipulation)</div> <div>U C I A</div> | <div>Sliding window</div> <div>U C I A</div> | <div>B-Tree + BST</div> <div>U C I A</div> | <div>Heap</div> <div>U C I A</div> |
| <div>Quick/Heap Sorting</div> <div>U C I A</div> | <div>Graph (Manipulation)</div> <div>U C I A</div> | <div>Backtracking</div> <div>U C I A</div> | <div>Trie</div> <div>U C I A</div> |
| | <div>Dynamic Program-ming (Basics)</div> <div>U C I A</div> | <div>Disjoint Sets</div> <div>U C I A</div> | |

Require Patience

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|--|--|--|--|
| <div>Balanced Trees</div> <div>U C I A</div> | <div>Merge Sort</div> <div>U O C A</div> | <div>Dynamic Program-ming (Classics + 2D)</div> <div>U C I A</div> | <div>Segment Tree</div> <div>U O C A</div> |
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| <div>Mandatory</div> <div>U C I A</div> | <div>Optional</div> <div>U C I A</div> |
|---|--|

U - Understood concept C - Understood complexity
I - Implemented DS/Algo A - Understood variations/applications