



Courses



Algorithms  
& Data  
Structures  
for  
Beginners



Advanced  
Algorithms



System  
Design  
for  
Beginners



Basics



Blind 75



NeetCode 150



NeetCode All

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Implement common data structures, algorithms, and design patterns.

Menu

Practice  
Problems



Quizzes

Search



Python



?



Algorithms

















Data Structures



Design Patterns

Implement Data Structures

Status	Problem	Difficulty
<input type="checkbox"/>	Design Dynamic Array (Resizable Array)	Easy
<input type="checkbox"/>	Design Singly Linked List	Easy
<input type="checkbox"/>	Design Double-ended Queue 🚀	Easy
<input type="checkbox"/>	Design Binary Search Tree 🚀	Medium
<input type="checkbox"/>	Design Hash Table 🚀	Medium
<input type="checkbox"/>	Design Heap 🚀	Medium
<input type="checkbox"/>	Design Graph 🚀	Medium
<input type="checkbox"/>	Design Disjoint Set (Union-Find) 🚀	Medium

Status	Problem	Difficulty
<input type="checkbox"/>	Design Segment Tree 	Hard
Sorting		
Status	Problem	Difficulty
<input type="checkbox"/>	Insertion Sort	Easy
<input type="checkbox"/>	Merge Sort 	Medium
<input type="checkbox"/>	Quick Sort 	Medium
Graphs		
Status	Problem	Difficulty
<input type="checkbox"/>	Matrix Depth-First Search 	Medium
<input type="checkbox"/>	Matrix Breadth-First Search 	Medium
<input type="checkbox"/>	Dijkstra's Algorithm	Medium
<input type="checkbox"/>	Prim's Algorithm 	Hard
<input type="checkbox"/>	Kruskal's Algorithm 	Hard
<input type="checkbox"/>	Topological Sort 	Hard
Dynamic Programming		
Status	Problem	Difficulty
<input type="checkbox"/>	0 / 1 Knapsack 	Medium
<input type="checkbox"/>	Unbounded Knapsack 	Medium
Design Patterns		
Status	Problem	Difficulty
<input type="checkbox"/>	Factory Method Pattern	Easy
<input type="checkbox"/>	Singleton Pattern 	Easy
<input type="checkbox"/>	Builder Pattern 	Easy
<input type="checkbox"/>	Adapter Pattern	Easy
<input type="checkbox"/>	Decorator Pattern 	Easy
<input type="checkbox"/>	Facade Pattern 	Easy

Status	Problem	Difficulty
<input type="checkbox"/>	Strategy Pattern 🚀	Easy
<input type="checkbox"/>	Observer Pattern 🚀	Easy

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contact: support@neetcode.io

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