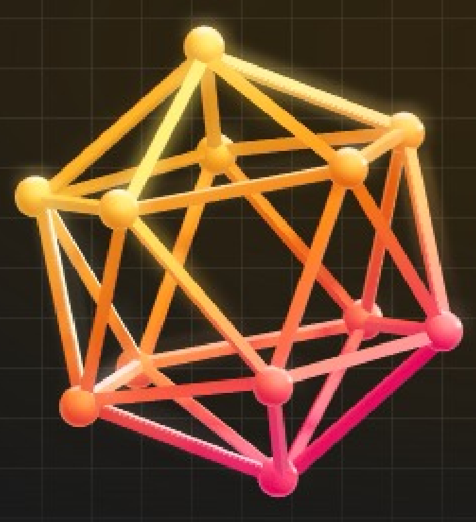

Master DP with 8 Advanced Patterns

Dynamic Programming Grandmaster

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General 1D

○	Longest String Chain	Solution	Medium
○	Wiggle Subsequence	Solution	Medium
○	4 Keys Keyboard	Solution	Medium
✓	Longest Valid Parentheses	Solution	Hard
○	Restore The Array	Solution	Hard
○	Handshakes That Don't Cross	Solution	Hard
○	Decode Ways II	Solution	Hard

General Multidimensional

○	Maximum Score from Performing Multiplication Operations	Solution	Hard
✓	Cherry Pickup II	Solution	Hard
○	Paint House III	Solution	Hard
○	Frog Jump	Solution	Hard
✓	Minimum Difficulty of a Job Schedule	Solution	Hard
○	Strange Printer	Solution	Hard
○	Minimum Cost to Cut a Stick	Solution	Hard
○	Count All Possible Routes	Solution	Hard
○	Number of Ways to Form a Target String Given a Dictionary	Solution	Hard
○	Number of Increasing Paths in a Grid	Solution	Hard
○	Number of Music Playlists	Solution	Hard
○	Number of Ways of Cutting a Pizza	Solution	Hard
✓	Scramble String	Solution	Hard

Probability

○	Toss Strange Coins	Solution	Medium
○	Knight Probability in Chessboard	Solution	Medium
○	Soup Servings	Solution	Medium
○	New 21 Game		Medium

Knapsack

○	Maximum Number of Achievable Transfer Requests	Solution	Hard
○	Best Team With No Conflicts	Solution	Medium
○	Profitable Schemes	Solution	Hard
○	Tallest Billboard	Solution	Hard

On Trees

○	All Possible Full Binary Trees	Solution	Medium
○	Maximum Product of Splitted Binary Tree	Solution	Medium
○	Binary Tree Cameras	Solution	Hard
○	Number of Ways to Reorder Array to Get Same BST	Solution	Hard

Bitmasking

○	Partition to K Equal Sum Subsets	Solution	Medium
○	Optimal Account Balancing	Solution	Hard
○	Shortest Path Visiting All Nodes	Solution	Hard
○	Smallest Sufficient Team	Solution	Hard
○	Number of Ways to Wear Different Hats to Each Other	Solution	Hard
○	Maximize Score After N Operations	Solution	Hard

Game Theory

○	Stone Game	Solution	Medium
○	Predict the Winner	Solution	Medium
○	Stone Game IV	Solution	Hard
○	Stone Game III	Solution	Hard
○	Stone Game II		Medium

With Binary Search

○	Maximum Number of Events That Can Be Attended II	Solution	Hard
✓	Maximum Profit in Job Scheduling	Solution	Hard
○	Super Egg Drop	Solution	Hard
○	Make Array Strictly Increasing	Solution	Hard

Summary

- Continuation of DP study plan
- Help advanced users master DP

Award

DP Grandmaster
Complete the study plan to win the badge!

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Dynamic Programming
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Weekly Ranking

1	coding555	Solved 5 problems
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3	ankit2113	Solved 3 problems
4	Jackie19	Solved 2 problems
5	vadimvadimov	Solved 2 problems

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