


# Hash Table

You have solved 7 / 136 problems.

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| #   | Title                             | Tags  | Acceptance | Difficulty | Frequency  |
|-----|-----------------------------------|---|------------|------------|---|
| ✓ 1 | Two Sum (/problems/two-sum)       | <div>Array (/tag/array)</div> <div>Hash Table (/tag/hash-table)</div> <div>Facebook (/company/facebook)</div> <div>Microsoft (/company/microsoft)</div> <div>Amazon (/company/amazon)</div> <div>Bloomberg (/company/bloomberg)</div> <div>Uber (/company/uber)</div> <div>LinkedIn (/company/linkedin)</div> <div>Apple (/company/apple)</div> <div>Airbnb (/company/airbnb)</div> <div>Yelp (/company/yelp)</div> <div>Yahoo (/company/yahoo)</div> <div>Adobe (/company/adobe)</div> <div>Dropbox (/company/dropbox)</div> | 46.0%      | Easy       |   |
| ✓ 3 | Longest Substring Without R...    | <div>Hash Table (/tag/hash-table)</div> <div>Two Pointers (/tag/two-pointers)</div> <div>String (/tag/string)</div> <div>Sliding Window (/tag/sliding-window)</div> <div>Amazon (/company/amazon)</div> <div>Bloomberg (/company/bloomberg)</div> <div>Yelp (/company/yelp)</div> <div>Adobe (/company/adobe)</div>   | 31.0%      | Medium     |   |
| 953 | Verifying an Alien Dictionary ... | <div>Hash Table (/tag/hash-table)</div> <div>Facebook (/company/facebook)</div>   | 52.8%      | Easy       |   |
| 560 | Subarray Sum Equals K (/pro...    | <div>Array (/tag/array)</div> <div>Hash Table (/tag/hash-table)</div> <div>Google (/company/google)</div>   | 43.9%      | Medium     |   |

| #   | Title                          | Tags  | Acceptance | Difficulty | Frequency ? |
|-----|--------------------------------|---|------------|------------|-------------|
| 580 | Insert Delete GetRandom O(1)   | Array (/tag/array)           Hash Table (/tag/hash-table)           Design (/tag/design)           Google (/company/google)           Facebook (/company/facebook)           Amazon (/company/amazon)           Uber (/company/uber)           Twitter (/company/twitter)           Yelp (/company/yelp)           Pocket Gems (/company/pocket-gems) | 40.9%      | Medium     |             |
| 138 | Copy List with Random Point... | Hash Table (/tag/hash-table)           Linked List (/tag/linked-list)           Microsoft (/company/microsoft)           Amazon (/company/amazon)           Bloomberg (/company/bloomberg)           Uber (/company/uber)   | 38.9%      | Medium     |             |
| 76  | Minimum Window Substring ...   | Hash Table (/tag/hash-table)           Two Pointers (/tag/two-pointers)           String (/tag/string)           Sliding Window (/tag/sliding-window)           Facebook (/company/facebook)           Uber (/company/uber)           LinkedIn (/company/linkedin)           Snapchat (/company/snapchat)   | 35.5%      | Hard       |             |
| 692 | Top K Frequent Words (/prob... | Hash Table (/tag/hash-table)           Heap (/tag/heap)           Trie (/tag/trie)           Amazon (/company/amazon)           Bloomberg (/company/bloomberg)           Uber (/company/uber)           Yelp (/company/yelp)           Pocket Gems (/company/pocket-gems)   | 52.7%      | Medium     |             |
| 981 | Time Based Key-Value Store ... | Hash Table (/tag/hash-table)           Binary Search (/tag/binary-search)           Flexport (/company/flexport)           Databricks (/company/databricks)   | 53.8%      | Medium     |             |
| 49  | Group Anagrams (/problems/...  | Hash Table (/tag/hash-table)           String (/tag/string)           Facebook (/company/facebook)           Amazon (/company/amazon)   | 58.5%      | Medium     |             |

| #      | Title                                | Tags   | Acceptance | Difficulty | Frequency ? |
|--------|--------------------------------------|--|------------|------------|-------------|
|        |                                      | <a href="/company/bloomberg/">Bloomberg (/company/bloomberg)</a> <a href="/company/uber/">Uber (/company/uber)</a> <a href="/company/yelp/">Yelp (/company/yelp)</a>   |            |            |             |
| 347    | Top K Frequent Elements (/pr...      | <a href="/tag/hash-table/">Hash Table (/tag/hash-table)</a> <a href="/tag/heap/">Heap (/tag/heap)</a> <a href="/company/yelp/">Yelp (/company/yelp)</a> <a href="/company/pocket-gems/">Pocket Gems (/company/pocket-gems)</a>   | 62.0%      | Medium     |             |
| 85     | Maximal Rectangle (/problem...       | <a href="/tag/array/">Array (/tag/array)</a> <a href="/tag/hash-table/">Hash Table (/tag/hash-table)</a> <a href="/tag/dynamic-programming/">Dynamic Programming (/tag/dynamic-programming)</a> <a href="/tag/stack/">Stack (/tag/stack)</a> <a href="/company/facebook/">Facebook (/company/facebook)</a> | 38.9%      | Hard       |             |
| ✓ 1152 | Analyze User Website Visit P...<br>👤 | <a href="/tag/array/">Array (/tag/array)</a> <a href="/tag/hash-table/">Hash Table (/tag/hash-table)</a> <a href="/tag/sort/">Sort (/tag/sort)</a> <a href="/company/amazon/">Amazon (/company/amazon)</a>   | 43.2%      | Medium     |             |
| 706    | Design HashMap (/problems/...        | <a href="/tag/hash-table/">Hash Table (/tag/hash-table)</a> <a href="/tag/design/">Design (/tag/design)</a>  | 62.2%      | Easy       |             |
| 987    | Vertical Order Traversal of a ...    | <a href="/tag/hash-table/">Hash Table (/tag/hash-table)</a> <a href="/tag/tree/">Tree (/tag/tree)</a> <a href="/company/samsung/">Samsung (/company/samsung)</a>   | 37.3%      | Medium     |             |
| 770    | Basic Calculator IV (/problem...     | <a href="/tag/hash-table/">Hash Table (/tag/hash-table)</a> <a href="/tag/string/">String (/tag/string)</a> <a href="/tag/stack/">Stack (/tag/stack)</a> <a href="/company/intuit/">Intuit (/company/intuit)</a>   | 54.5%      | Hard       |             |
| 739    | Daily Temperatures (/proble...       | <a href="/tag/hash-table/">Hash Table (/tag/hash-table)</a> <a href="/tag/stack/">Stack (/tag/stack)</a> <a href="/company/google/">Google (/company/google)</a>   | 64.2%      | Medium     |             |
| 811    | Subdomain Visit Count (/pro...       | <a href="/tag/hash-table/">Hash Table (/tag/hash-table)</a> <a href="/company/roblox/">Roblox (/company/roblox)</a>  | 70.9%      | Easy       |             |
| 202    | Happy Number (/problems/h...         | <a href="/tag/hash-table/">Hash Table (/tag/hash-table)</a> <a href="/tag/math/">Math (/tag/math)</a> <a href="/company/uber/">Uber (/company/uber)</a> <a href="/company/twitter/">Twitter (/company/twitter)</a>   | 51.0%      | Easy       |             |

| #   | Title                             | <div> <div>Airbnb (/company/airbnb)</div> <div>Tags</div> </div>   | Acceptance | Difficulty | Frequency ? |
|-----|-----------------------------------|--|------------|------------|-------------|
| 387 | First Unique Character in a S...  | <div> <div>Hash Table (/tag/hash-table)</div> <div>String (/tag/string)</div> <div>Google (/company/google)</div> <div>Microsoft (/company/microsoft)</div> <div>Amazon (/company/amazon)</div> <div>Bloomberg (/company/bloomberg)</div> </div> | 53.7%      | Easy       |             |
| 37  | Sudoku Solver (/problems/su...    | <div> <div>Hash Table (/tag/hash-table)</div> <div>Backtracking (/tag/backtracking)</div> <div>Uber (/company/uber)</div> <div>Snapchat (/company/snapchat)</div> </div>   | 45.5%      | Hard       |             |
| 18  | 4Sum (/problems/4sum)             | <div> <div>Array (/tag/array)</div> <div>Hash Table (/tag/hash-table)</div> <div>Two Pointers (/tag/two-pointers)</div> </div>   | 34.4%      | Medium     |             |
| 609 | Find Duplicate File in System...  | <div> <div>Hash Table (/tag/hash-table)</div> <div>String (/tag/string)</div> <div>Dropbox (/company/dropbox)</div> </div>   | 60.7%      | Medium     |             |
| 974 | Subarray Sums Divisible by K...   | <div> <div>Array (/tag/array)</div> <div>Hash Table (/tag/hash-table)</div> </div>   | 50.2%      | Medium     |             |
| 957 | Prison Cells After N Days (/pr... | <div> <div>Hash Table (/tag/hash-table)</div> <div>Amazon (/company/amazon)</div> </div>   | 40.2%      | Medium     |             |
| 149 | Max Points on a Line (/proble...  | <div> <div>Hash Table (/tag/hash-table)</div> <div>Math (/tag/math)</div> <div>LinkedIn (/company/linkedin)</div> <div>Twitter (/company/twitter)</div> <div>Apple (/company/apple)</div> </div>   | 17.2%      | Hard       |             |
| 204 | Count Primes (/problems/co...     | <div> <div>Hash Table (/tag/hash-table)</div> <div>Math (/tag/math)</div> <div>Microsoft (/company/microsoft)</div> <div>Amazon (/company/amazon)</div> </div>   | 32.0%      | Easy       |             |
| 242 | Valid Anagram (/problems/va...    | <div> <div>Hash Table (/tag/hash-table)</div> <div>Sort (/tag/sort)</div> <div>Amazon (/company/amazon)</div> <div>Uber (/company/uber)</div> </div>   | 57.8%      | Easy       |             |

| #     | Title                                  | Tags <span>(Yelp (/company/yelp))</span>  | Acceptance | Difficulty | Frequency <span>?</span> |
|-------|--|---|------------|------------|--------------------------|
| 438   | Find All Anagrams in a String...       | Hash Table (/tag/hash-table) Amazon (/company/amazon)   | 44.4%      | Medium     |                          |
| 535   | Encode and Decode TinyURL...           | Hash Table (/tag/hash-table) Math (/tag/math)<br>Google (/company/google) Facebook (/company/facebook)<br>Amazon (/company/amazon) Uber (/company/uber) | 80.6%      | Medium     |                          |
| ✓ 359 | Logger Rate Limiter (/proble...<br>🔒   | Hash Table (/tag/hash-table) Design (/tag/design)<br>Google (/company/google)   | 71.7%      | Easy       |                          |
| 1048  | Longest String Chain (/probl...        | Hash Table (/tag/hash-table)<br>Dynamic Programming (/tag/dynamic-programming)<br>Two Sigma (/company/two-sigma)  | 55.2%      | Medium     |                          |
| 1086  | High Five (/problems/high-fiv...<br>🔒  | Array (/tag/array) Hash Table (/tag/hash-table) Sort (/tag/sort)<br>Amazon (/company/amazon)  | 79.3%      | Easy       |                          |
| 36    | Valid Sudoku (/problems/vali...        | Hash Table (/tag/hash-table) Uber (/company/uber)<br>Apple (/company/apple) Snapchat (/company/snapchat)  | 49.9%      | Medium     |                          |
| 311   | Sparse Matrix Multiplication (...<br>🔒 | Hash Table (/tag/hash-table) Facebook (/company/facebook)<br>LinkedIn (/company/linkedin)   | 63.3%      | Medium     |                          |
| 187   | Repeated DNA Sequences (/...           | Hash Table (/tag/hash-table) Bit Manipulation (/tag/bit-manipulation)<br>LinkedIn (/company/linkedin)   | 41.0%      | Medium     |                          |
| 136   | Single Number (/problems/si...         | Hash Table (/tag/hash-table) Bit Manipulation (/tag/bit-manipulation)<br>Airbnb (/company/airbnb)   | 66.2%      | Easy       |                          |

| #     | Title                                  | <div> <div>Palantir Technologies (/company/palantir-technologies)</div> <div>Tags</div> </div>   | Acceptance | Difficulty | Frequency ⓘ |
|-------|--|--|------------|------------|-------------|
| 336   | Palindrome Pairs (/problems/...        | <div> <div>Hash Table (/tag/hash-table)</div> <div>String (/tag/string)</div> <div>Trie (/tag/trie)</div> <div>Google (/company/google)</div> <div>Airbnb (/company/airbnb)</div> </div>   | 34.3%      | Hard       |             |
| 356   | Line Reflection (/problems/lin...<br>🔒 | <div> <div>Hash Table (/tag/hash-table)</div> <div>Math (/tag/math)</div> <div>Google (/company/google)</div> </div>   | 32.5%      | Medium     |             |
| 340   | Longest Substring with At M...<br>🔒    | <div> <div>Hash Table (/tag/hash-table)</div> <div>String (/tag/string)</div> <div>Sliding Window (/tag/sliding-window)</div> <div>Google (/company/google)</div> <div>AppDynamics (/company/appdynamics)</div> <div>Coupang (/company/coupang)</div> </div> | 44.8%      | Hard       |             |
| 1244  | Design A Leaderboard (/prob...<br>🔒    | <div> <div>Hash Table (/tag/hash-table)</div> <div>Sort (/tag/sort)</div> <div>Design (/tag/design)</div> <div>Wayfair (/company/wayfair)</div> </div>   | 65.2%      | Medium     |             |
| 726   | Number of Atoms (/problems...          | <div> <div>Hash Table (/tag/hash-table)</div> <div>Stack (/tag/stack)</div> <div>Recursion (/tag/recursion)</div> <div>Google (/company/google)</div> </div>   | 51.0%      | Hard       |             |
| ✓ 694 | Number of Distinct Islands (/...<br>🔒  | <div> <div>Hash Table (/tag/hash-table)</div> <div>Depth-first Search (/tag/depth-first-search)</div> <div>Amazon (/company/amazon)</div> </div>   | 57.0%      | Medium     |             |
| 1570  | Dot Product of Two Sparse V...<br>🔒    | <div> <div>Array (/tag/array)</div> <div>Hash Table (/tag/hash-table)</div> <div>Two Pointers (/tag/two-pointers)</div> <div>Facebook (/company/facebook)</div> </div>   | 91.6%      | Medium     |             |
| 718   | Maximum Length of Repeate...           | <div> <div>Array (/tag/array)</div> <div>Hash Table (/tag/hash-table)</div> <div>Binary Search (/tag/binary-search)</div> </div>   | 49.9%      | Medium     |             |

| #    | Title                             | Tags  | Acceptance | Difficulty | Frequency ? |
|------|-----------------------------------|---|------------|------------|-------------|
|      |                                   | Dynamic Programming (/tag/dynamic-programming)<br>Citadel (/company/citadel)  |            |            |             |
| 166  | Fraction to Recurring Decima...   | Hash Table (/tag/hash-table) Math (/tag/math)<br>Google (/company/google) IXL (/company/ixl)  | 22.1%      | Medium     |             |
| 992  | Subarrays with K Different In...  | Hash Table (/tag/hash-table) Two Pointers (/tag/two-pointers)<br>Sliding Window (/tag/sliding-window) Amazon (/company/amazon)        | 50.1%      | Hard       |             |
| 219  | Contains Duplicate II (/proble... | Array (/tag/array) Hash Table (/tag/hash-table)<br>Airbnb (/company/airbnb)<br>Palantir Technologies (/company/palantir-technologies) | 38.4%      | Easy       |             |
| 525  | Contiguous Array (/problems...    | Hash Table (/tag/hash-table) Facebook (/company/facebook)   | 43.3%      | Medium     |             |
| 463  | Island Perimeter (/problems/i...  | Hash Table (/tag/hash-table) Google (/company/google)   | 66.4%      | Easy       |             |
| 205  | Isomorphic Strings (/problem...   | Hash Table (/tag/hash-table) LinkedIn (/company/linkedin)   | 40.2%      | Easy       |             |
| 895  | Maximum Frequency Stack (/...     | Hash Table (/tag/hash-table) Stack (/tag/stack)<br>Salesforce (/company/salesforce)   | 62.0%      | Hard       |             |
| 1044 | Longest Duplicate Substring ...   | Hash Table (/tag/hash-table) Binary Search (/tag/binary-search)<br>Suffix Array (/tag/suffix-array) Amazon (/company/amazon)          | 31.8%      | Hard       |             |
| 381  | Insert Delete GetRandom O(...     | Array (/tag/array) Hash Table (/tag/hash-table) Design (/tag/design)<br>Yelp (/company/yelp)  | 34.6%      | Hard       |             |

| #     | Title                                 | Tags   | Acceptance | Difficulty | Frequency ? |
|-------|---------------------------------------|--|------------|------------|-------------|
| 549   | Intersection of Two Arrays (/...      | <a href="/tag/hash-table">Hash Table (/tag/hash-table)</a> <a href="/tag/two-pointers">Two Pointers (/tag/two-pointers)</a>                        | 64.9%      | Easy       |             |
|       |                                       | <a href="/tag/binary-search">Binary Search (/tag/binary-search)</a> <a href="/tag/sort">Sort (/tag/sort)</a>                                       |            |            |             |
|       |                                       | <a href="/company/two-sigma">Two Sigma (/company/two-sigma)</a>  |            |            |             |
| 249   | Group Shifted Strings (/probl...<br>📌 | <a href="/tag/hash-table">Hash Table (/tag/hash-table)</a> <a href="/tag/string">String (/tag/string)</a>  | 57.2%      | Medium     |             |
|       |                                       | <a href="/company/google">Google (/company/google)</a> <a href="/company/uber">Uber (/company/uber)</a>  |            |            |             |
| 290   | Word Pattern (/problems/wor...        | <a href="/tag/hash-table">Hash Table (/tag/hash-table)</a> <a href="/company/uber">Uber (/company/uber)</a>  | 38.2%      | Easy       |             |
|       |                                       | <a href="/company/dropbox">Dropbox (/company/dropbox)</a>  |            |            |             |
| 454   | 4Sum II (/problems/4sum-ii)           | <a href="/tag/hash-table">Hash Table (/tag/hash-table)</a> <a href="/tag/binary-search">Binary Search (/tag/binary-search)</a>                     | 53.8%      | Medium     |             |
| 355   | Design Twitter (/problems/de...       | <a href="/tag/hash-table">Hash Table (/tag/hash-table)</a> <a href="/tag/heap">Heap (/tag/heap)</a> <a href="/tag/design">Design (/tag/design)</a> | 30.9%      | Medium     |             |
|       |                                       | <a href="/company/amazon">Amazon (/company/amazon)</a> <a href="/company/twitter">Twitter (/company/twitter)</a>                                   |            |            |             |
| ✓ 350 | Intersection of Two Arrays II (...)   | <a href="/tag/hash-table">Hash Table (/tag/hash-table)</a> <a href="/tag/two-pointers">Two Pointers (/tag/two-pointers)</a>                        | 51.8%      | Easy       |             |
|       |                                       | <a href="/tag/binary-search">Binary Search (/tag/binary-search)</a> <a href="/tag/sort">Sort (/tag/sort)</a>                                       |            |            |             |
| 274   | H-Index (/problems/h-index)           | <a href="/tag/hash-table">Hash Table (/tag/hash-table)</a> <a href="/tag/sort">Sort (/tag/sort)</a>  | 36.3%      | Medium     |             |
|       |                                       | <a href="/company/google">Google (/company/google)</a> <a href="/company/facebook">Facebook (/company/facebook)</a>                                |            |            |             |
|       |                                       | <a href="/company/bloomberg">Bloomberg (/company/bloomberg)</a>  |            |            |             |
| 1189  | Maximum Number of Balloon...          | <a href="/tag/hash-table">Hash Table (/tag/hash-table)</a> <a href="/tag/string">String (/tag/string)</a>  | 61.7%      | Easy       |             |
|       |                                       | <a href="/company/wayfair">Wayfair (/company/wayfair)</a>  |            |            |             |
| 94    | Binary Tree Inorder Traversal ...     | <a href="/tag/hash-table">Hash Table (/tag/hash-table)</a> <a href="/tag/stack">Stack (/tag/stack)</a> <a href="/tag/tree">Tree (/tag/tree)</a>    | 65.0%      | Medium     |             |
|       |                                       | <a href="/company/microsoft">Microsoft (/company/microsoft)</a>  |            |            |             |



| #      | Title  | Tags  | Acceptance | Difficulty | Frequency ? |
|--------|--|---|------------|------------|-------------|
| #166   | Design File System (/problems/166)                       | Hash Table (/tag/hash-table) Design (/tag/design) Airbnb (/company/airbnb)                          | 57.9%      | Medium     |             |
| 451    | Sort Characters By Frequency (/problems/451)             | Hash Table (/tag/hash-table) Heap (/tag/heap) Google (/company/google) Amazon (/company/amazon)     | 63.9%      | Medium     |             |
| 299    | Bulls and Cows (/problems/299)                           | Hash Table (/tag/hash-table) Google (/company/google)   | 44.1%      | Medium     |             |
| ✓ 1429 | First Unique Number (/problems/1429)                     | Hash Table (/tag/hash-table) Design (/tag/design) Amazon (/company/amazon)                          | 48.7%      | Medium     |             |
| 244    | Shortest Word Distance II (/problems/244)                | Hash Table (/tag/hash-table) Design (/tag/design) LinkedIn (/company/linkedin)                      | 53.2%      | Medium     |             |
| 30     | Substring with Concatenation of All Words (/problems/30) | Hash Table (/tag/hash-table) Two Pointers (/tag/two-pointers) String (/tag/string)                  | 25.9%      | Hard       |             |
| 939    | Minimum Area Rectangle (/problems/939)                   | Hash Table (/tag/hash-table) Google (/company/google)   | 51.8%      | Medium     |             |
| 1512   | Number of Good Pairs (/problems/1512)                    | Array (/tag/array) Hash Table (/tag/hash-table) Math (/tag/math) Activevideo (/company/activevideo) | 87.9%      | Easy       |             |
| 1001   | Grid Illumination (/problems/1001)                       | Hash Table (/tag/hash-table) Dropbox (/company/dropbox)   | 36.5%      | Hard       |             |
| 1002   | Find Common Characters (/problems/1002)                  | Array (/tag/array) Hash Table (/tag/hash-table) TripAdvisor (/company/tripadvisor)                  | 67.9%      | Easy       |             |
| 771    | Jewels and Stones (/problems/771)                        | Hash Table (/tag/hash-table) Amazon (/company/amazon)   | 86.8%      | Easy       |             |
| 720    | Longest Word in Dictionary (/problems/720)               | Hash Table (/tag/hash-table) Trie (/tag/trie)   | 48.9%      | Easy       |             |

| #    | Title                               | Tags  | Acceptance | Difficulty | Frequency ? |
|------|-------------------------------------|---|------------|------------|-------------|
| 632  | Smallest Range Covering Ele...      | Hash Table (/tag/hash-table) Two Pointers (/tag/two-pointers)<br>String (/tag/string) Lyft (/company/lyft)  | 53.6%      | Hard       |             |
| 1539 | Kth Missing Positive Number ...     | Array (/tag/array) Hash Table (/tag/hash-table)<br>Microsoft (/company/microsoft)   | 53.3%      | Easy       |             |
| 409  | Longest Palindrome (/proble...      | Hash Table (/tag/hash-table) Google (/company/google)   | 52.0%      | Easy       |             |
| 266  | Palindrome Permutation (/pr...<br>🔒 | Hash Table (/tag/hash-table) Google (/company/google)<br>Bloomberg (/company/bloomberg) Uber (/company/uber)  | 62.4%      | Easy       |             |
| 1365 | How Many Numbers Are Sma...         | Array (/tag/array) Hash Table (/tag/hash-table)<br>Google (/company/google)   | 85.8%      | Easy       |             |
| 554  | Brick Wall (/problems/brick-...     | Hash Table (/tag/hash-table) Facebook (/company/facebook)   | 50.5%      | Medium     |             |
| 690  | Employee Importance (/probl...      | Hash Table (/tag/hash-table)<br>Depth-first Search (/tag/depth-first-search)<br>Breadth-first Search (/tag/breadth-first-search) Uber (/company/uber) | 58.1%      | Easy       |             |
| 676  | Implement Magic Dictionary ...      | Hash Table (/tag/hash-table) Trie (/tag/trie)<br>Google (/company/google)   | 55.0%      | Medium     |             |
| 217  | Contains Duplicate (/problem...     | Array (/tag/array) Hash Table (/tag/hash-table)<br>Airbnb (/company/airbnb) Yahoo (/company/yahoo)  | 56.4%      | Easy       |             |

| #    | Title                                | Tags   | Acceptance | Difficulty | Frequency ? |
|------|--------------------------------------|--|------------|------------|-------------|
| 159  | Longest Substring with At M...<br>👍  | Palantir Technologies (/company/palantir-technologies)<br>Hash Table (/tag/hash-table) Two Pointers (/tag/two-pointers)<br>String (/tag/string) Sliding Window (/tag/sliding-window)<br>Google (/company/google) | 50.1%      | Medium     |             |
| 1487 | Making File Names Unique (/...       | Hash Table (/tag/hash-table) String (/tag/string)<br>Oasis Labs (/company/oasis-labs)  | 30.2%      | Medium     |             |
| 1138 | Alphabet Board Path (/proble...      | Hash Table (/tag/hash-table) String (/tag/string)<br>Google (/company/google)  | 50.0%      | Medium     |             |
| 1178 | Number of Valid Words for E...       | Hash Table (/tag/hash-table) Bit Manipulation (/tag/bit-manipulation)<br>Dropbox (/company/dropbox)  | 38.6%      | Hard       |             |
| 358  | Rearrange String k Distance ...<br>👍 | Hash Table (/tag/hash-table) Heap (/tag/heap) Greedy (/tag/greedy)<br>Google (/company/google)   | 35.5%      | Hard       |             |
| 325  | Maximum Size Subarray Sum...<br>👍    | Hash Table (/tag/hash-table) Facebook (/company/facebook)<br>Palantir Technologies (/company/palantir-technologies)  | 47.1%      | Medium     |             |
| 1485 | Clone Binary Tree With Rand...<br>👍  | Hash Table (/tag/hash-table) Tree (/tag/tree)<br>Depth-first Search (/tag/depth-first-search)<br>Breadth-first Search (/tag/breadth-first-search)<br>Amazon (/company/amazon)                                    | 80.1%      | Medium     |             |
| 389  | Find the Difference (/proble...      | Hash Table (/tag/hash-table) Bit Manipulation (/tag/bit-manipulation)<br>Google (/company/google)  | 57.5%      | Easy       |             |

| #    | Title   | Tags  | Acceptance | Difficulty | Frequency  |
|------|---|---|------------|------------|--|
| 594  | Longest Harmonious Subsequence       | Hash Table (/tag/hash-table) LiveRamp (/company/liveramp)   | 47.9%      | Easy       |  |
| 705  | Design HashSet (/problems/...   | Hash Table (/tag/hash-table) Design (/tag/design)   | 64.5%      | Easy       |  |
| 246  | Strobogrammatic Number (/...<br>     | Hash Table (/tag/hash-table) Math (/tag/math)<br>Google (/company/google)   | 45.5%      | Easy       |  |
| 1213 | Intersection of Three Sorted ...<br> | Hash Table (/tag/hash-table) Two Pointers (/tag/two-pointers)<br>Facebook (/company/facebook)   | 79.1%      | Easy       |  |
| 500  | Keyboard Row (/problems/ke...   | Hash Table (/tag/hash-table) Mathworks (/company/mathworks)   | 65.4%      | Easy       |  |
| 1160 | Find Words That Can Be For...   | Array (/tag/array) Hash Table (/tag/hash-table)<br>Amazon (/company/amazon)   | 67.4%      | Easy       |  |
| 1590 | Make Sum Divisible by P (/pr...   | Array (/tag/array) Hash Table (/tag/hash-table) Math (/tag/math)<br>Binary Search (/tag/binary-search) Amazon (/company/amazon)                           | 27.3%      | Medium     |  |
| 884  | Uncommon Words from Two ...   | Hash Table (/tag/hash-table)  | 63.8%      | Easy       |  |
| 710  | Random Pick with Blacklist (/...  | Hash Table (/tag/hash-table) Binary Search (/tag/binary-search)<br>Sort (/tag/sort) Random (/tag/random) Google (/company/google)<br>Uber (/company/uber) | 32.6%      | Hard       |  |
| 447  | Number of Boomerangs (/pro...   | Hash Table (/tag/hash-table) Math (/tag/math)<br>Google (/company/google)   | 52.2%      | Medium     |  |
| 781  | Rabbits in Forest (/problems/...  | Hash Table (/tag/hash-table) Math (/tag/math)<br>Wish (/company/wish)   | 55.2%      | Medium     |  |

| #    | Title                                | Tags  | Acceptance | Difficulty | Frequency ? |
|------|--------------------------------------|---|------------|------------|-------------|
| 418  | Display Table of Food Orders ...     | Hash Table (/tag/hash-table) JPMorgan (/company/jpmorgan)   | 67.9%      | Medium     |             |
| 961  | N-Repeated Element in Size ...       | Hash Table (/tag/hash-table) akamai (/company/akamai)   | 74.2%      | Easy       |             |
| 508  | Most Frequent Subtree Sum ...        | Hash Table (/tag/hash-table) Tree (/tag/tree)<br>Amazon (/company/amazon)   | 58.8%      | Medium     |             |
| 1207 | Unique Number of Occurren...         | Hash Table (/tag/hash-table) Google (/company/google)   | 71.6%      | Easy       |             |
| 624  | Maximum Distance in Arrays ...<br>🔒  | Array (/tag/array) Hash Table (/tag/hash-table)<br>Yahoo (/company/yahoo)   | 39.3%      | Medium     |             |
| 1072 | Flip Columns For Maximum N...        | Hash Table (/tag/hash-table)  | 61.1%      | Medium     |             |
| 1311 | Get Watched Videos by Your ...       | Hash Table (/tag/hash-table) String (/tag/string)<br>Breadth-first Search (/tag/breadth-first-search)<br>Amazon (/company/amazon)   | 43.8%      | Medium     |             |
| 1577 | Number of Ways Where Squ...          | Hash Table (/tag/hash-table) Math (/tag/math)   | 37.1%      | Medium     |             |
| 1490 | Clone N-ary Tree (/problems/...<br>🔒 | Hash Table (/tag/hash-table) Tree (/tag/tree)<br>Depth-first Search (/tag/depth-first-search)<br>Breadth-first Search (/tag/breadth-first-search)<br>Amazon (/company/amazon) | 83.9%      | Medium     |             |
| 288  | Unique Word Abbreviation (/...<br>🔒  | Hash Table (/tag/hash-table) Design (/tag/design)<br>Google (/company/google)   | 22.6%      | Medium     |             |

| #    | Title                                 | Tags  | Acceptance | Difficulty | Frequency ? |
|------|---------------------------------------|---|------------|------------|-------------|
| 648  | Replace Words (/problems/re...        | Hash Table (/tag/hash-table) Trie (/tag/trie) Uber (/company/uber)                                | 57.9%      | Medium     |             |
| 575  | Distribute Candies (/problem...       | Hash Table (/tag/hash-table) LiveRamp (/company/liveramp)   | 61.7%      | Easy       |             |
| 1198 | Find Smallest Common Elem...<br>📌     | Hash Table (/tag/hash-table) Binary Search (/tag/binary-search)<br>Microsoft (/company/microsoft) | 75.0%      | Medium     |             |
| 1488 | Avoid Flood in The City (/pro...      | Array (/tag/array) Hash Table (/tag/hash-table)<br>Google (/company/google)                       | 24.9%      | Medium     |             |
| 645  | Set Mismatch (/problems/set...        | Hash Table (/tag/hash-table) Math (/tag/math)<br>Amazon (/company/amazon)                         | 42.4%      | Easy       |             |
| 966  | Vowel Spellchecker (/proble...        | Hash Table (/tag/hash-table) String (/tag/string)<br>Thumbtack (/company/thumbtack)               | 47.6%      | Medium     |             |
| 599  | Minimum Index Sum of Two L...         | Hash Table (/tag/hash-table) Yelp (/company/yelp)   | 51.3%      | Easy       |             |
| 170  | Two Sum III - Data structure ...<br>📌 | Hash Table (/tag/hash-table) Design (/tag/design)<br>LinkedIn (/company/linkedin)                 | 34.6%      | Easy       |             |
| 748  | Shortest Completing Word (/...        | Hash Table (/tag/hash-table) Google (/company/google)   | 57.2%      | Easy       |             |
| 954  | Array of Doubled Pairs (/prob...      | Array (/tag/array) Hash Table (/tag/hash-table)<br>Google (/company/google)                       | 35.3%      | Medium     |             |
| 734  | Sentence Similarity (/proble...<br>📌  | Hash Table (/tag/hash-table) Google (/company/google)   | 42.3%      | Easy       |             |

| 970<br># | Powerful Integers (/problems...        | Hash Table (/tag/hash-table)                 | Math (/tag/math)                 | 39.9%<br>Acceptance | Easy<br>Difficulty | Frequency ⓘ |
|----------|--|--|----------------------------------|---------------------|--------------------|-------------|
| 1638     | Count Substrings That Differ ...       | Hash Table (/tag/hash-table)                 | String (/tag/string)             | 67.5%               | Medium             |             |
|          |  | Rolling Hash (/tag/rolling-hash)             | Microsoft (/company/microsoft)   |                     |                    |             |
| 760      | Find Anagram Mappings (/pr...<br>📌     | Hash Table (/tag/hash-table)                 | Google (/company/google)         | 81.6%               | Easy               |             |
| 930      | Binary Subarrays With Sum (...)        | Hash Table (/tag/hash-table)                 | Two Pointers (/tag/two-pointers) | 44.0%               | Medium             |             |
|          |  | C3 IoT (/company/c3-iot)                     |                                  |                     |                    |             |
| 1679     | Max Number of K-Sum Pairs ...          | Hash Table (/tag/hash-table)                 | DE Shaw (/company/de-shaw)       | 52.5%               | Medium             |             |
| 711      | Number of Distinct Islands II ...<br>📌 | Hash Table (/tag/hash-table)                 |                                  | 48.8%               | Hard               |             |
|          |  | Depth-first Search (/tag/depth-first-search) |                                  |                     |                    |             |
|          |  | Amazon (/company/amazon)                     |                                  |                     |                    |             |
| 1133     | Largest Unique Number (/pro...<br>📌    | Array (/tag/array)                           | Hash Table (/tag/hash-table)     | 67.1%               | Easy               |             |
|          |  | Amazon (/company/amazon)                     |                                  |                     |                    |             |
| 1078     | Occurrences After Bigram (/...         | Hash Table (/tag/hash-table)                 | Google (/company/google)         | 64.8%               | Easy               |             |
| 1090     | Largest Values From Labels (...)       | Hash Table (/tag/hash-table)                 | Greedy (/tag/greedy)             | 60.1%               | Medium             |             |
|          |  | Google (/company/google)                     |                                  |                     |                    |             |
| 1224     | Maximum Equal Frequency (/...          | Hash Table (/tag/hash-table)                 |                                  | 34.3%               | Hard               |             |
|          |  | American Express (/company/american-express) |                                  |                     |                    |             |
| 1261     | Find Elements in a Contamin...         | Hash Table (/tag/hash-table)                 | Tree (/tag/tree)                 | 74.5%               | Medium             |             |
|          |  | Google (/company/google)                     |                                  |                     |                    |             |

| #   | Title                          | Tags  | Acceptance | Difficulty | Frequency |
|-----|--------------------------------|---|------------|------------|-----------|
| 612 | Check If Two Expression Tre... | <a href="/tag/hash-table">Hash Table (/tag/hash-table)</a> <a href="/tag/tree">Tree (/tag/tree)</a> | 70.2%      | Medium     |           |
|     |                                | <a href="/company/google">Google (/company/google)</a>  |            |            |           |