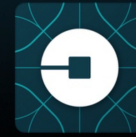


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## Nail the Uber Interview



### Overview

Uber is one of the largest unicorn companies in the world. Uber's interview is very concise and many of their interview questions are straightforward. Your technical on-site interviews may be done on an actual laptop, or it might be on a whiteboard. You will also have one non-technical discussion with a hiring manager on aspects such as culture fit during the interview.

### Arrays and Strings

Arrays and Strings are by far the most important data structures in all technical interviews.

### Linked Lists

Linked list questions are usually pretty easy and may not be asked frequently.

### Trees and Graphs

Trees and Graphs are important concepts. In almost all of your interviews, you will be asked a question related to these topics.

### Heaps, Queues, and Stacks

Heaps, queues, and stacks are all popular data structures in technical interviews.

### Recursion and Backtracking

Many interview questions are centered around recursion and backtracking.

### Sorting and Searching

Searching and sorting related problems are quite often asked in Uber interviews.

### Dynamic Programming

Dynamic programming questions are unique in that they offer a series of subproblems that can be solved using the solutions to previous subproblems.

### Design

Apart from questions that are geared more towards algorithms and problem solving, you may also be asked a design question.

### Others

Here are other types of problems you may encounter in an Uber interview.

### Discuss

2 topics - share ideas and ask questions about this card

## Introduction



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We organized this list so you can get well-prepared for your Uber interview.

### Arrays and Strings

☒ Two Sum☒ Find First and Last Position of Element in Sorted Array☒ Group Anagrams☐ Text Justification☒ Minimum Window Substring☐ Validate IP Address

### Linked Lists

☒ Merge Two Sorted Lists☒ Merge k Sorted Lists

### Trees and Graphs

☒ Reconstruct Itinerary☒ Evaluate Division☐ Find Duplicate Subtrees☐ Print Binary Tree☐ Serialize and Deserialize N-ary Tree

### Heaps, Queues, and Stacks









☒ Trapping Rain Water☐ Basic Calculator☒ Meeting Rooms II☐ Task Scheduler☐ Exclusive Time of Functions☐ Employee Free Time

### Recursion and Backtracking

☒ Letter Combinations of a Phone Number☒ Subsets

### Sorting and Searching

☒ Merge Intervals☐ Word Ladder II☒ Number of Islands☐ Walls and Gates☐ Remove Invalid Parentheses☐ 24 Game☐ Max Area of Island☐ Bus Routes☐ Shortest Bridge

Dynamic Programming		
<input type="checkbox"/>  Word Break	<input type="checkbox"/>  Perfect Squares	
<input type="checkbox"/>  Russian Doll Envelopes	<input type="checkbox"/>  Maximum Vacation Days 	
<input type="checkbox"/>  Cherry Pickup		
Design		
<input checked="" type="checkbox"/>  LRU Cache	<input checked="" type="checkbox"/>  Serialize and Deserialize Binary...	
<input type="checkbox"/>  Moving Average from Data Stre... 	<input type="checkbox"/>  Design Snake Game 	
<input checked="" type="checkbox"/>  Logger Rate Limiter 	<input type="checkbox"/>  Design Hit Counter 	
<input type="checkbox"/>  Insert Delete GetRandom O(1) ...	<input checked="" type="checkbox"/>  Design Search Autocomplete S... 	
Others		
<input checked="" type="checkbox"/>  Valid Sudoku	<input checked="" type="checkbox"/>  Candy	
<input type="checkbox"/>  Fraction to Recurring Decimal	<input type="checkbox"/>  Number of Islands II 	
<input type="checkbox"/>  Random Pick Index	<input checked="" type="checkbox"/>  Encode and Decode TinyURL	
<input type="checkbox"/>  Solve the Equation	<input type="checkbox"/>  Construct Quad Tree	
<input type="checkbox"/>  Random Pick with Weight		