facebook

Interview Tips for Facebook

For the initial 45-minute coding interviews, expect \sim 2 coding questions using a whiteboard (if on-site) or laptop (if remote). You will be tested on core CS fundamentals (theory, algorithms, data structures, recursions, binary tree questions, etc.) and your problem solving/logic skills. When coming up with approaches for the questions, think of an efficient, optimized, bug-free solution in the language you code best in. Prepare questions for your interviewer for the end.

Coding Tips

- -People generally study 1-2 weeks and practice on a whiteboard or coding competition websites.
- -Discuss initial ideas and solutions with your interviewer to clarify any ambiguity.
- -Take hints from your interviewer to showcase your thought process and problem-solving ability.
- -Generally avoid solutions with lots of edge cases or huge if/else if/else blocks. Deciding between iteration and recursion can be an important step.
- -Consider different algorithms and algorithmic techniques (sorting, divide-and-conquer, recursion).
- -Think about data structures, particularly the ones used most often (Array, Stack/Queue, Hashset/Hashmap/Hashtable/Dictionary, Tree/Binary Tree, Heap, Graph, etc.)
- -You may be asked about 0 memory constraints on the complexity of the algorithm you are writing and its running time $O(N^2)$ to O(N) etc.

Helpful Links

- Short Prep Video
- What to Expect During the Recruiting Process
- Read this Blog from a Facebook Engineer Get That Job at Facebook
- Building and Testing at Facebook
- Interview Prep Sessions at Facebook
- Practice Coding Questions Facebook Code Lab

Suggested Reading Material

-"Introduction to Algorithms" by Thomas Cormen, Charles Leiserson, Ronald Rivest, Clifford Stein

-"The Pragmatic Programmer" by Andy Hunt and Dave Thomas

General Facebook Info

- Bootcamp Video unique to Facebook's culture
- Glassdoor Interview Questions
- Reddit posts from Facebook Engineers
- Open Source at Facebook
- <u>Tech Talks</u>
- Employee Blogs
- General News
- Facebook Engineering Page