

Facebook Screening Interview Preparation

Thank you for taking the time to interview for Facebook. Below are some materials that will help you in preparing for our technical screening interview.

The technical screening interview will take 45-minutes and will be conducted over VC using Coderpad. Be prepared to solve 1-2 coding questions involving coding or algorithms in your best language. I recommend reviewing the [Facebook Technical Interview Study Guide](#) and watching [How to Crush Your Coding Interview](#).

Make sure you are comfortable with CS fundamentals:

- Algorithms: Quick Sort, Divide-and-Conquer, Merge Sort, Binary Search, Breadth-First Search, Depth-First Search
- Data Structures: Array, Stack/Queue, Linked Lists, Vectors, Hashset/Hashmap/Hashtable/Dictionary, Tree/Binary Tree, Heap, Graph, Bloom Filter
- Concepts: Big-O Time, Big-O Space, Recursion and Memoization, Probability, Bit Manipulation

Suggested material:

- Introduction to Algorithms – Thomas H. Cormen, Charles E. Leiserson, Ronald L. Rivest, Clifford Stein (2009)
- Gayle Laakmann McDowell (author of the “Cracking the Coding Interview” book) conducted an interview prep session specifically tailed to Facebook interviews. Here are links to a previously recorded session:
 - Cracking the Facebook Coding Interview - The Approach:
<https://vimeo.com/157480836>
 - Cracking the Facebook Coding Interview- Problem Walk-Through:
<https://vimeo.com/158532188>
 - Password: FB_IPS

The following websites offer good practice problems and resources:

- [Firecode.io](https://firecode.io)
- [Leet Code](https://leetcode.com/) – focus on Medium and Hard questions

Lastly, here are a few tips to keep in mind during the actual technical interview:

- Don't be afraid to repeat the question back and ask clarifying questions.
- Explain your approach before writing code. Verbalize your thoughts and logic. Our interviewers want to understand your thought process and problem-solving process.

Additionally, by thinking out loud you'll give them an idea of your approach and they'll be able to give you hints to steer you in the right direction.

- They will look for speed and efficiency for your ability to code and to come up with a solution and will look for you to find bugs within your code. All of our engineers design and test their own code so it's important to run your own test on your code during the interview process.
- Time yourself when working out coding problems, try to finish them within 15 minutes from beginning to end.
- Debug your code, check for edge and corner cases, optimize your code, and finish with a working solution. This is really important in order to pass the coding interview portion.