**GENERAL TIPS:**

* Before diving into coding, I would recommend asking qualifying questions and identifying edge cases to make sure you have a full picture.
* Describe your high-level approach first before implementation. Our interviewer wants to understand your thought process and how you go about solving a problem. By thinking out loud, you’ll share your approach and they’ll be able to steer you in the right direction if needed.
* Listen to the feedback from your interviewer as they are there to help guide you.

**ADDITIONAL TIPS:**

For the technical interview, visit leetcode.com and do practice questions at a medium/hard difficulty in Algorithm, Data Structures, and Object-Oriented categories to help prepare.

**Data Structures**

* Array
* Linked List
* Binary Tree, Binary Search Tree, Red-Black Tree
* Heap
* Hash Table
* Stack
* Queue
* Trie
* Graph (both directed and undirected)

**Algorithms**

* Bubble Sort
* Merge Sort
* Quick Sort
* Radix/Bucket Sort
* Depth-First Search
* Breadth-First Search

**Object-Oriented Design**

* Have a working knowledge of a few common and useful design patterns (singleton,factory, adapter, bridge, visitor, command, proxy, observer, etc.).
* Be prepared to write software in an object-oriented way with appropriate use ofinheritance and aggregation.