Technical Interview

*Let's review this **coding methodology** designed to help you reach the optimal solution within 25 minutes:*

1. Clarify the Question - ask clarifying questions to make sure you understand all the variables and address any ambiguity – Ideal time - 2 minutes

2. Rephrase the Question - Repeat the question back in your own words so the interviewer knows you understand the problem, highlight the signature, the inputs you are given and what type of method or function you will be using – Ideal time 1 minute

3. Layout the Algorithm - In order to save time and optimize communication write down your algorithm either before or as you review it with your interviewer. Make sure you state time complexity and have your interviewer agree – Ideal time 3- 4 minutes

4. Write your code — I have found it is hard to talk and code so for best performance let the interviewer know you are going to focus on Coding for the next 10-15 minutes.

5. Review your code - Optimize, validate, identify edge cases, fix any bugs, test your code and discuss where future enhancements might arise with your interviewer. Ideal time – 5 minutes

Code or script in the language you are most comfortable. Keep it clean & simple!

KEY tips to remember for your phone interview

Keep in mind always

| Listen carefully | Clarify questions | Think out loud | Be honest and humble |

LISTEN CAREFULY the question or the statement for the coding challenge, be focus and concise to provide the required information.

CLARIFYING QUESTIONS before jumping into any code, make sure to ask questions, and gather requirements, make your coding challenge a real-world scenario. Make sure you are fully aware of the problems you are being asked and obtain as much data from your interviewer. Interviewers want to see you dive deep into the problem to build a solution. Interviewers purposefully ask ambiguous questions throughout the interview to gauge your problem-solving skill and ensure you are asking the right questions. Be prepared to be asked a follow up question to your coding. If they ask you to solve a problem, they will ask you to do something else with that same piece of code you provided to see if your solution is optimal. We all know there are 8 different solutions for every 1 problem, the key to passing the coding challenges is to provide the optimal solution to ensure you code is able to pass most edge cases. Think beyond the problem.

THINK OUT LOUD as you are putting your code on the board and walk them through the steps you are taking. It is important to talk out loud your thought process as you answer their questions. Engage them in why you are doing what you are doing. Demonstrate that you know the concept and how to use it, and maybe you can't have the opportunity to provide the solution but you understood how to get it with more time.

BE HONEST AND HUMBLE, don't be afraid to ask for help! Don't waste your time, as soon as you feel that you need help or validate information, please talk with your interviewer. By no means do we expect you to get every single question right. They will also be gauging your ability to take coaching, come up with alternate solutions, and show your ability to analyze a problem and come up with various solutions.   Pay attention to hints! The interviewer will provide hints, ask questions so please pay attention and take actions.