**\*\*AMAZON ONLINE ASSESSMENT PREPARATION\*\***

**Process**

The assessment consists of three components, a coding test (90 min), a cultural survey (15 min) and a feedback survey (5 min). Your time investment in both of these exercises should take no more than 2 hours, and can be done anytime during the day/night on your own time. You must complete the online assessment in one sitting.

Once you receive the link to the exercise, you will have *7 days* to complete it. There will be detailed instructions once you select the link. You will have a chance to wait to take it after you select the link as you will need to select ‘start test’ to start the timer. Once you have submitted the exercise, we will review it within 1-2 business days.

*\*Note: Please let me know if you need a deadline extension and we can agree on a date to re-send the assessment.*

**General Tips**

* Set aside 2 hr. in a quiet location where you will not be interrupted.
* Ensure you have a reliable internet connection.
* Please use one of the latest versions of Google Chrome, Firefox or Safari.
* When you start the test, there will be a demo section that introduces you to the interface. This will take place before the timer starts.
* The time remaining will be clearly displayed on the screen. You will not be able to stop the timer once you have started each test, so we recommend that you complete each test in one sitting.
* Manage your time wisely! If you get stuck, move to the next problem. You can also revisit the questions as needed.
* If you need to take a break, the best time would be between the coding test and cultural survey. If you choose to take a break, log out, and log back in when you are ready and the test will take you where you left off last.

**Coding Tips**

* The coding questions will cover algorithms, data structures, and problem solving.
* You can choose to complete the questions from multiple languages: C#, C++, Java, C, Ruby, or Python. We recommend you choose your strongest language.
* You may use resources that would be available to all candidates (e.g., the JDK or STL).
* Note that efficiency and optimization, as opposed to brute force solutions, earn more points! Your code must compile for all code questions in order to move forward in the interview process. Be sure to test your code and ensure it runs before you submit your code or before time runs out.
* You can compile your code as many times as you like during the assessment, but there must a 15 second interval between consecutive compilations.
* Edge Cases: Ensure your solutions consider all edge cases and handle large inputs effectively. This is key to doing well in the assessment.
* Your code is being auto-saved periodically, and you can also save it clicking on the SAVE button. In case of a system failure you can resume from the last saved instance. Your code will also auto-save when you click on NEXT QUESTION if you are going back and forth.

Helpful challenges:

* <https://www.hackerrank.com/challenges/tree-height-of-a-binary-tree>
* <https://www.hackerrank.com/challenges/tree-level-order-traversal>
* <https://www.hackerrank.com/challenges/balanced-brackets>
* <https://www.hackerrank.com/challenges/contacts>
* <https://www.hackerrank.com/challenges/find-the-running-median>
* <https://www.hackerrank.com/challenges/swap-nodes-algo>

Good luck! Please make sure you check your spam/junk folder for the link if you don’t see it in your inbox 2 business days from completing the application form.