

# GOLDMAN SACHS ENGINEERING RECRUITING

## YOUR GUIDE TO HACKERRANK SUCCESS



You will be required to complete a technical assessment, powered by HackerRank, as the first step in your Goldman Sachs Technology and/or Strats interview process. This assessment is an opportunity for you to showcase your technical skills and gain some insight into the types of problems you can solve here at GS Engineering.

### BEFORE TAKING HACKERRANK:

1. Practice HackerRank technical assessments at [www.hackerrank.com](http://www.hackerrank.com) — take sample tests to get familiarized with the structure and editor (HackerRank has a YouTube channel which is helpful for explaining testing format).
2. Have a pen/pencil and paper nearby. You may want to draw something out to help you figure out an answer.
3. Find a quiet room to focus — close out all other applications.
4. Review algorithms and data structures.
5. Be comfortable with at least one of the following programming languages: C, C++, Java 7, Java 8, JavaScript, Python 2 & 3, or Scala.
6. Consider setting up an IDE/REPL environment or downloading Notepad++ or Sublime so you develop solutions on your local machine (don't use the Windows Notepad application — lines don't show up properly).

### CONSIDER DURING HACKERRANK:

1. Trace it out on paper first.
2. Don't rush — read all parts of the question thoroughly.
3. Understand the input format — for array inputs, the first line of input is the element count.
4. While taking the test, you can view the main function and the other boiler plate code that may be there by clicking on the bidirectional arrow <->. This will show you how the code you are writing will be utilized.
5. You can call and use functions that have been provided in the locked portion of the editor.
6. Use your own custom input to test your code against a variety of cases — test early and often.
7. Identify the end goal — what is the problem actually asking you to return or print out?
8. Only efficient solutions will get full credit, so consider using optimal algorithms and data structures.
9. Solve the base case first, then think about edge cases later.
10. Make sure you submit your code before you exit — you can run/test your code as often as you like, but you only have one chance to submit it within 45 minutes.



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