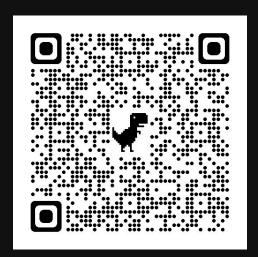
ACM Spring 2022 CSIP 3







Introduction





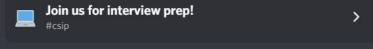


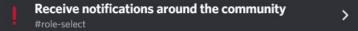


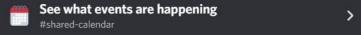


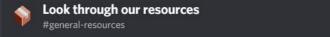
Welcome to Association for Computing Machinery @ UGA

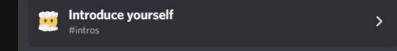
TOP THINGS TO DO HERE









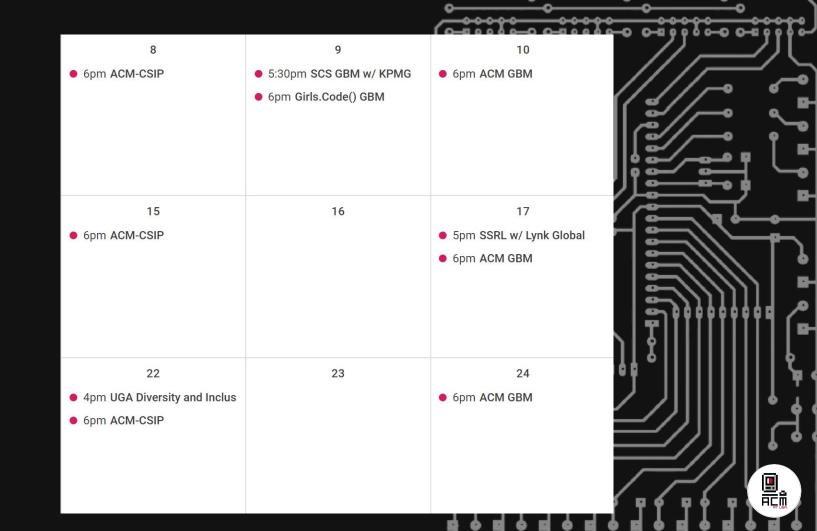


I'll just look around for now

Upcoming Events







MENTAL HEALTH RESOURCES which is he should all some and some and some as a second

STAR Method





THE STAR METHOD

The STAR method is a structured manner of responding to a behavioral-based interview question by discussing the specific <u>situation</u>, <u>task</u>, <u>action</u>, and <u>result</u> of the situation you are describing.

Situation: Describe the situation that you were in or the task that you needed to accomplish. You must describe a specific event or situation, not a generalized description of what you have done in the past. Be sure to give enough detail for the interviewer to understand. This situation can be from a previous job, from a volunteer experience, or any relevant event.

Task: What goal were you working toward?

<u>Action</u>: Describe the actions you took to address the situation with an appropriate amount of detail and keep the focus on YOU. What specific steps did <u>you</u> take and what was <u>your</u> particular contribution? Be careful that you don't describe what the team or group did when talking about a project, but what you actually did. Use the word "I," not "we" when describing actions.

Result: Describe the outcome of your actions and don't be shy about taking credit for your behavior. What happened? How did the event end? What did you accomplish? What did you learn? Make sure your answer contains multiple positive results.

Make sure that you follow all parts of the STAR method. Be as specific as possible at all times, without rambling or including too much information. Oftentimes students have to be prompted to include their results, so try to include that without being asked. Also, eliminate any examples that do not paint you in a positive light. However, keep in mind that some examples that have a negative result (such as "lost the game") can highlight your strengths in the face of adversity.



SAMPLE STAR RESPONSE:

Situation (S): Advertising revenue was falling off for my college newspaper, *The Review*, and large numbers of long-term advertisers were not renewing contracts.

Task (T): My goal was to generate new ideas, materials and incentives that would result in at least a 15% increase in advertisers from the year before.

Action (A): I designed a new promotional packet to go with the rate sheet and compared the benefits of *The Review* circulation with other ad media in the area. I also set-up a special training session for the account executives with a School of Business Administration professor who discussed competitive selling strategies.

Result (R): We signed contracts with 15 former advertisers for daily ads and five for special supplements. We increased our new advertisers by 20 percent over the same period last year.



Practice





3. Longest Substring Without Repeating Characters

Given a string s, find the length of the **longest substring** without repeating characters.

Example 1:

Input: s = "abcabcbb"
Output: 3
Explanation: The answer is "abc", with the length of 3.

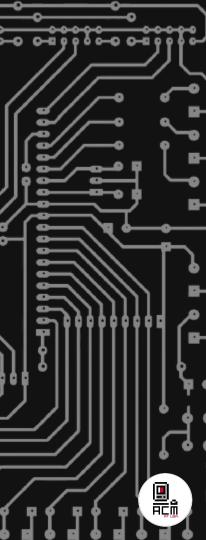
Example 2:

Input: s = "bbbbb"

Output: 1
Explanation: The answer is "b", with the length of 1.

Example 3:

Input: s = "pwwkew"
Output: 3
Explanation: The answer is "wke", with the length of 3.
Notice that the answer must be a substring, "pwke" is a subsequence and not a substring.



```
300. Longest Increasing Subsequence
Medium ₺ 10608 ♀ 211 ♡ Add to List ₺ Share
Given an integer array nums, return the length of the longest strictly increasing subsequence.
A subsequence is a sequence that can be derived from an array by deleting some or no elements without changing the
order of the remaining elements. For example, [3,6,2,7] is a subsequence of the array [0,3,1,6,2,2,7].
Example 1:
  Input: nums = [10,9,2,5,3,7,101,18]
  Output: 4
  Explanation: The longest increasing subsequence is [2,3,7,101], therefore the length is 4.
Example 2:
  Input: nums = [0,1,0,3,2,3]
  Output: 4
Example 3:
  Input: nums = [7,7,7,7,7,7,7]
  Output: 1
```

Conclusion





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