

ACM Spring 2022

CSIP 3



Introduction



Welcome!







Welcome to Association for Computing Machinery @ UGA

TOP THINGS TO DO HERE



Join us for interview prep!

#csip

>



Receive notifications around the community

#role-select

>



See what events are happening

#shared-calendar

>



Look through our resources

#general-resources

>



Introduce yourself

#intros

>

I'll just look around for now



Upcoming Events



<p>8</p> <ul style="list-style-type: none"> ● 6pm ACM-CSIP 	<p>9</p> <ul style="list-style-type: none"> ● 5:30pm SCS GBM w/ KPMG ● 6pm Girls.Code() GBM 	<p>10</p> <ul style="list-style-type: none"> ● 6pm ACM GBM
<p>15</p> <ul style="list-style-type: none"> ● 6pm ACM-CSIP 	<p>16</p>	<p>17</p> <ul style="list-style-type: none"> ● 5pm SSRL w/ Lynk Global ● 6pm ACM GBM
<p>22</p> <ul style="list-style-type: none"> ● 4pm UGA Diversity and Inclus ● 6pm ACM-CSIP 	<p>23</p>	<p>24</p> <ul style="list-style-type: none"> ● 6pm ACM GBM

MENTAL HEALTH RESOURCES



STAR Method



THE STAR METHOD

The STAR method is a structured manner of responding to a behavioral-based interview question by discussing the specific situation, task, action, and result 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?

Action: 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 you take and what was your 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

Medium

👍 21142

💬 947

❤️ Add to List

🔗 Share

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 = "bbbbbb"`

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

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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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