NEW TECHNOLOGISTS
SECOND ROUND ESSAYS

Answer all questions and compose a brief essay addressing questions #1, #3, #4, & #5. Each essay should not exceed more than 500 words.

1. What's a big question in the tech field you'd like to solve and why?

2. Coding Question: *Write functional code that is legible and add comments. Consider what you're writing and why.*

   a) Write a method in any language of your choice that will take in a list of n integers and sort them from largest to smallest. The method should return a sorted list. Ensure the algorithm is O(n) or less.
   b) Include comments within your code to explain what each method is doing. Be detailed.
   c) What other approaches did you consider to solving this question and why did you choose this approach?

3. Microsoft is interested in tailoring products/software to younger audiences (ages 16-25). If you could improve any Microsoft product/software which product would you choose? Describe the features you would add or alter to make the product more dynamic and appealing to a younger target audience? Why?

4. Tell me about a time you had to learn a new skill and what you learned/gained from that experience?

5. Your Choice: Select one of the following questions below to answer (a, b or c).

   a) Fill in the blanks: I am _____ because of _____.

   b) Describe the internet to somebody from the 1800s.

   c) Discuss a specific accomplishment you've achieved in a previous position, project or role that indicates you will thrive in this program.

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