Interview Evaluation Report

Report Summary:

Based on the interview conversation, here's my evaluation of the candidate's performance on the following parameters:

- **Technical Skill (8/10):** The candidate was able to come up with a solution that correctly solves the problem using a variation of depth-first search (DFS). They were also able to implement their solution in Python. However, the candidate did not explicitly mention the time complexity of their solution, which is O(E + V) as given in the prompt.
- **Communication (8/10):** The candidate was able to clearly articulate their solution and provide examples to illustrate their approach. However, their response could have been more concise and direct, and they took a few moments to begin their response.
- **Problem Solving (8/10):** The candidate was able to come up with a correct and efficient solution to the problem. However, they did not explicitly ask for any clarifications about the prompt, and they could have provided more justification for their solution by discussing why it has the desired time complexity.
- **Coding Efficiency (9/10):** The candidate's implementation of their solution is concise and efficient, making use of built-in Python data structures and functions. However, the implementation could be improved by using a more Pythonic approach that avoids using a nested function.

Overall, I would rate the candidate's performance an 8.3/10. While they were able to provide a correct and efficient solution to the problem, there is room for improvement in their communication style and their ability to discuss the time complexity of their solution. In future interviews, I would encourage the candidate to be more explicit about asking for clarifications and to be more concise and direct in their responses.