Background Questions

1. To begin, tell us a little about yourself.
2. What is your current role/occupation?
   a. In what ways do you work with neural networks in your current role?
1. How many years of experience do you have working with neural networks?

Interview Questions

2. What are the common types of bugs or issues you face in maintaining neural networks?

   a. How do you currently address these bugs?
   b. Can you tell me about a time when you encountered unexpected behavior from a neural network and were able to fix it / not fix it?
   c. Do you use any specific tools or practices for this purpose?
   d. How frequently do you use these tools?
   e. Are you aware of any best practices for testing, debugging, or repairing neural networks?

2. If you use tools...
   a. How prevalent are maintenance processes or tools in your current workflow?
      i. How do you integrate the debugging tools into your overall neural network development workflow?
   b. How prevalent are testing and repairing processes or tools in your current workflow?
      i. How do you integrate the testing and repair tools into your overall neural network development workflow?
   c. How effective do you find these tools in identifying and fixing the issues you encounter?
      i. Can you describe a specific instance where a tool for testing, debugging, or repairing neural networks helped you resolve an issue? What was the issue, and how did the tool assist you?
   d. Did you encounter any difficulties in finding the necessary information to use the tool, or did you feel that the documentation was insufficient?
      i. In cases where the tool was not effective, what additional steps or alternative methods did you have to employ to identify and fix the issue?
      ii. Have you ever customized or extended a tool to better suit your needs?
   e. Have you compared multiple maintenance tools for neural networks? If so, what were the key considerations made in this comparison?

3. In your opinion, what kind of support or resources would make it easier for practitioners to debug neural networks in practice?
    a. What are the most important features or considerations for a neural network maintenance tool?
        i. Why do you think these tools or features are important?
    b. Would you be interested in a single integrated tool
        i. What key functionalities should this tool have?
4. Is there anything else you'd like to share regarding your experiences maintaining neural networks or thoughts on debugging support?