

NN Diagrams Interview Questions (Version 1.0)

1. How would you describe your experience level with Computer Vision? Natural Language Processing?
2. Can you describe how you use diagrams when communicating your research?
 - (a) Why use a diagram to do this? (rather than algorithm, text or equation)
 - (b) What sort of problems do you encounter?
 - (c) How do you decide what to include?
 - (d) How do you decide how to represent it?
 - (e) What level of granularity?
 - (f) What tools do you use, and why?
3. How do you use diagrams when consuming research?
 - (a) How do you use diagrams when reading a paper?
 - (b) What problems are there in consuming research more broadly (interesting if people say reproducibility/interpretability/novelty)?
4. *Diagram series, with examples:* Can you please tell me about this diagram? What do you like and not like about it? Including:
 - (a) How important are aesthetics of diagrams?
 - (b) What types of diagrams do you find helpful? What information do you get from them, and how do you like it to be displayed?
 - (c) What types of diagrams are not useful?
 - (d) What do you think about the variety of diagrams used?
 - (e) What do you think about having examples in diagrams?
5. *Card sorting:* We are trying to establish some important tasks that people perform on NN diagrams. Can you select the top five tasks you feel are most important to you, and order them? You can add tasks if you wish.
6. Anything else?
 - (a) Do you use diagrams to reason as part of your creative process when doing research? If so, how?
 - (b) Do you use diagrams in any other way during research more broadly?
 - (c) Can you think of any tools that would help you making or consuming diagrams?