

Starting:

1. Brief Introduction.
2. List the CS Majors you've studied in the last two years.
3. Which ones are your favorite and why?
4. General questions from the courses I chose.
e.g Artificial Intelligence: What's the use of partial derivatives in neural networks?
5. List some of your projects that you've worked on that utilized the relevant tech stack.
6. Select two of the most prominent from the list and state the business use case, the hurdles you faced, and how you overcame those hurdles.

JavaScript/Node.js:

1. Rate yourself out of 10, where 10 is the creator of the language and 1 is a person who knows the basic syntax and codes simple programs.
2. Why do you think you're better than a 3-4? (I chose 7)
3. How can you go from a 7 to a 9 or 10?
4. Compare and contrast JS and any other traditional language of your choice.
6. How to achieve mult-threading in Node.js?
7. Worker threads and Message passing.
8. If node is single threaded, how can it efficiently handle many requests? (Explain node architecture)
9. How to make a traditional language (python) function like node.js and vice versa?
10. Micro and Macro tasks.
11. What are the latest new data structures in JS?
12. Promises.
13. How to execute an array of promises where the length of the array is unknown?
14. Generator and Async Generator functions.

General Questions:

1. What are your long and short-term goals?
2. What steps are you going to take/taking to achieve said goals? (Be specific)