

## Structural Engineer Interview Questions

1. Tell me about a time when your ability to analyze needs and product requirements helped you create an effective design or make an informed decision to benefit your company.

2. Tell me about a complete hull and superstructure which you designed. How did you ensure that it met specifications, data, and standards?

3. Name a time when your advice to management led to an improvement in your company or otherwise helped your employer.

4. Share an experience you had in dealing with a difficult person and how you handled the situation.

5. Share an experience in which you successfully shared a difficult piece of information. (Make sure that the candidate has open lines of communication.)

6. Share an experience in which you oversaw the assembly, fabrication, construction, maintenance, or modification of equipment. How did you communicate to the staff what you wanted?

7. Tell me how you organize, plan, and prioritize your work.

8. Share an experience when you applied new technology or information in your job. How did it help your company?

9. Give me an example of when you thought outside of the box. How did it help your employer?

10. Tell me about an experience in which you analyzed information and evaluated results to choose the best solution to a problem.

11. Would you consider analyzing data or information a strength? How so?

12. In your experience, what is the key to ensuring your company was compliant with all laws, regulations and standards that were applicable to your area of responsibility?

13. Share an effective approach to working with a large amount of information/data. How has your approach affected your company?

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14. Share an example of a time you had to gather information from multiple sources. How did you determine which information was relevant?

15. Share an experience in which your ability to consider the costs or benefits of a potential action helped you choose the most appropriate action.

16. Provide a time when you were able to identify a complex problem, evaluate the options, and implement a solution. How did the solution benefit your employer?

17. Share an experience in which your understanding of a current or upcoming problem helped your company to respond to the problem.

18. Name a time when you identified strengths and weaknesses of alternative solutions to problems. What was the impact?

19. Provide an example of a time when you were able to demonstrate excellent listening skills. What was the situation and outcome?

20. Provide an example of a time when you successfully organized a diverse group of people to accomplish a task.

21. Please share an experience in which you presented to a group. What was the situation and how did it go?

22. Share an experience in which your attention to detail and thoroughness had an impact on your last company.

23. How would you rate your writing skills? (Ask for an example that demonstrates great writing skills.)

24. Provide an example when your ethics were tested.

25. Share an example of when you went above and beyond the "call of duty". (Look for answers that show the candidate is dependable.)

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26. How do you balance cooperation with others and independent thinking? Share an example. (Try to determine if the candidate has a cooperative attitude or is otherwise good-natured.)

27. Tell me about the last time you monitored or reviewed information and detected a problem. How did you respond?

28. Share a time when you willingly took on additional responsibilities or challenges. How did you successfully meet all of the demands of these responsibilities? (Make sure the candidate is a self-starter and can demonstrate some initiative.)

29. Describe an effective layout of a craft interior which you designed.

30. Share an effective method you have used to establish center of gravity, ideal hull form, and buoyancy and stability data.