

Engineering And Scientific Programmer Interview Questions

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

2. Tell me about some of your most recent computer programming projects.

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

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

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

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

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

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

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

10. Provide an example of a project you worked on that demonstrates your programming abilities. What was your role in the project?

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

12. Share an experience in which you conducted a test of a product, service, or process and successfully improved the quality or performance.

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

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

15. Share an experience in which you successfully identified an error and made appropriate changes.

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

17. 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?

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

19. Tell me about a computer program or software package you wrote to handle a specific job.

20. Describe a trial run you conducted of a program or software application. How did you ensure that it produced desired information and that the instructions were correct?

21. 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.)

22. Describe a program you wrote using workflow chart and diagram. How did you apply your knowledge of computer capabilities, subject matter, and/or symbolic logic?

23. Share an example of when you established and accomplished a goal that was personally challenging. What helped you succeed?

24. 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.)

25. Share an experience in which you successfully increased the operating efficiency of a program or adapted a program to fit new requirements. What methods made you successful?

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26. 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?

27. Provide a time when you worked in a rapidly evolving workplace. How did you deal with the change? (Make sure the candidate is flexible.)

28. Provide a time when you dealt calmly and effectively with a high-stress situation.

29. Provide an example of when you were persistent in the face of obstacles.

30. Provide a time when consulting with other personnel helped you identify or solve a problem in a program.