

Geographic Information Systems Technician (gis Technician) Interview Questions

1. What kind of experience do you have designing or preparing graphic representations of Geographic Information Systems (GIS) data, using GIS hardware or software applications?

2. Describe methods you have found effective to analyze Geographic Information Systems (GIS) data to identify spatial relationships or display results of analyses, using maps, graphs, or tabular data.

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

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

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

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

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

8. What are some long-range objectives that you developed in your last job? What did you do to achieve them?

9. Tell me about a time when you developed your own way of doing things or were self-motivated to finish an important task.

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

11. Name a time when your creativity or alternative thinking solved a problem in your workplace.

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

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

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14. 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.)

15. Provide an example when your ethics were tested.

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

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

18. Walk me through how to enter data into Geographic Information Systems (GIS) databases, using techniques such as coordinate geometry, keyboard entry of tabular data, manual digitizing of maps, scanning or automatic conversion to vectors, or conversion of other sources of digital data.

19. Describe an experience when you performed geospatial data building, modeling, or analysis, using advanced spatial analysis, data manipulation, or cartography software.

20. How would you review existing or incoming data for currency, accuracy, usefulness, quality, or completeness of documentation?

21. What kind of experience do you have designing or coordinating the development of integrated Geographic Information Systems (GIS) spatial or non-spatial databases? Share an example.

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

23. What is the most challenging part of providing technical support to users or clients regarding the maintenance, development, or operation of Geographic Information Systems (GIS) databases, equipment, or applications?

24. What is your approach to interpret aerial or ortho photographs?

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

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26. How would you rate your writing skills? (Ask for an example that demonstrates great writing skills.)
27. Provide an example of a time when you were able to demonstrate excellent listening skills. What was the situation and outcome?
28. 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.)
29. Share an example of when you established and accomplished a goal that was personally challenging. What helped you succeed?
30. Name a time when you conferred with users to analyze, configure, or troubleshoot applications.
31. Share an example when you successfully recommended procedures or equipment or software upgrades to increase data accessibility or ease of use.
32. How often do you read current literature, talk with colleagues, continue education, or participate in professional organizations or conferences to keep abreast of developments in Geographic Information Systems (GIS) technology, equipment, or systems?
33. Share an experience in which your ability to consider the costs or benefits of a potential action helped you choose the most appropriate action.
34. Name a time when your patience was tested. How did you keep your emotions in check?
35. Provide a time when you dealt calmly and effectively with a high-stress situation.
36. Provide an experience in which you were sensitive to someone's needs or feelings. How did your helpfulness affect your work environment?
37. Please share with me an example of how you helped coach or mentor someone. What improvements did you see in the person's knowledge or skills?

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38. Share an experience in which your willingness to lead or offer an opinion helped your company.

39. Please share an experience in which you successfully taught a difficult principle or concept. How were you able to be successful?

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

41. Tell me about the last time you participated in projects that map changes in carbon emissions levels across different geographic locations, using Geographic Information Systems (GIS) data.

42. Walk me through how you would confer with biologists or other researchers in the use of Geographic Information Systems (GIS) data to define wildlife areas or corridors for land use planning.

43. What have you found to be the best way to apply Geographic Information Systems (GIS) data in transportation routing settings to determine the best routing to reduce pollution or energy consumption?

44. Describe methods you have found effective to analyze Geographic Information Systems (GIS) data to determine the best locations for renewable energy sites, including solar or wind energy installations.

45. Share an effective approach to analyze Geographic Information Systems (GIS) data for use in urban planning applications that promote better land use or reduce environmental impacts of development.

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

47. Share an experience in which personal connections to coworkers or others helped you to be successful in your work. (Make sure candidate works well with others.)

48. Provide an experience that demonstrates your ability to manage time effectively. What were the challenges and results?

49. Share a time when you successfully used scientific rules or methods to solve a problem at work.