

## Computer Aided Design Technician (cad Technician) Interview Questions

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

2. What kind of experience do you have forming three-dimensional images of aerial photographs taken from different locations, using mathematical techniques and plotting instruments?

3. Describe your way of monitoring mapping work or the updating of maps to ensure accuracy, the inclusion of new or changed information, or compliance with rules and regulations.

4. What factors do you consider when you determine scales, line sizes, or colors to be used for hard copies of computerized maps, using plotters?

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

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

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

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

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

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

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

12. Describe methods you have found helpful to check all layers of maps to ensure accuracy, identifying and marking errors and making corrections.

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13. Walk me through how you identify and compile database information to create maps in response to requests.

14. 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?

15. Share your approach when producing or updating overlay maps to show information boundaries, water locations, or topographic features on various base maps or at different scales.

16. 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.)

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

18. Name a time when you entered Global Positioning System (GPS) data, legal deeds, field notes, or land survey reports into geographic information system (GIS) workstations so that information can be transformed into graphic land descriptions, such as maps or drawings.

19. Share an example when you traced contours or topographic details to generate maps that denote specific land or property locations or geographic attributes.

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

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. What is the most challenging part of analyzing aerial photographs to detect and interpret significant military, industrial, resource, or topographical data.

23. What have you found to be the best way to compare topographical features or contour lines with images from aerial photographs, old maps, or other reference materials to verify the accuracy of their identification?

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24. What have you found to be the best way to monitor the performance of your work and/or the work of others? Share a time when you had to take corrective action.

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

26. Describe an experience when redrew or corrected maps, such as revising parcel maps, to reflect tax code area changes, using information from official records or surveys.

27. Share your approach to research resources such as survey maps or legal descriptions to verify property lines or to obtain information needed for mapping.

28. What have you found to be the best way to compute and measure scaled distances between reference points to establish relative positions of adjoining prints and enable the creation of photographic mosaics?

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

30. Describe to me how you would create survey description pages or historical records related to the mapping activities or specifications of section plats.

31. Name a time when you supervised or coordinated activities of workers engaged in plotting data, drafting maps, or producing blueprints, photostats, or photographs.

32. Walk me through how you research and combine existing property information to describe property boundaries in relation to adjacent properties, taking into account parcel splits, combinations, or land boundary adjustments.

33. Name a time when you trained staff members in duties such as tax mapping, the use of computerized mapping equipment, or the interpretation of source documents.

34. Name a time when your patience was tested. How did you keep your emotions in check?

35. Describe methods you have found effective to identify, research, and resolve anomalies in legal land descriptions, referring issues to title or survey experts as appropriate.

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36. Provide an experience in which you were sensitive to someone's needs or feelings. How did your helpfulness affect your work environment?

37. What kind of experience do you have answering questions and providing information to the public or to staff members regarding assessment maps, surveys, boundaries, easements, property ownership, roads, zoning, or similar matters?

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

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

40. Share an experience in which you used new training skills, ideas, or a method to adapt to a new situation or improve an ongoing one. (Look for the candidate's ability to learn.)

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

42. Tell me about the last time you oversaw the work of someone else. How did you effectively motivate, develop, and direct the worker(s)?

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

44. 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.)

45. Share an example when you effectively designed and developed information databases that include geographic and topographic data.

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

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47. 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?