

Professor Interview Questions

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

2. Describe methods you have found effective to analyze control or survey data to ensure adherence to project specifications or land survey standards.

3. Walk me through how you would conduct surveys to determine exact positions, measurement of points, elevations, lines, areas, volumes, contours, or other features of land surfaces.

4. What kind of experience do you have determining orientation of tracts of land including position, boundaries, size, and shape using theodolites, electronic distance measuring equipment, satellite-based positioning equipment, land information systems or other geodetic survey equipment?

5. 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?

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

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

13. Describe an experience in which you identified the educational needs of your students and successfully

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developed a way to teach/train them.

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

15. In your experience, what is the key to developing a good team? (Look for how they build mutual trust, respect, and cooperation.)

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

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

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

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 when your ethics were tested.

21. What system do you use in order to verify the mathematical correctness of newly collected survey data?

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

23. 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.

24. What is the most challenging part of planning or directing the work of geodetic surveying staff, providing technical consultation as needed?

25. What have you found to be the best way to assess the quality of control data to determine the need for additional survey data for engineering, construction, or other projects?

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

27. Describe an experience when you requested additional survey data when field collection errors occur or engineering surveying specifications are not maintained.

28. Share your approach to compute horizontal and vertical coordinates of control networks using direct leveling or other geodetic survey techniques such as triangulation, trilateration, and traversing to establish features of the earth's surface.

29. 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.)

30. Share an experience in which your diligence of inspecting equipment, structures, or materials helped you identify a problem or the cause of a problem.