Engineer Interview Questions

1. Tell me about the most challenging engineering project that you have been involved with during the past year.
2. Describe the most challenging written technical report or presentation that you've had to complete.
3. Describe an experience with a difficult client. How did you handle the situation? What would you have done differently?
4. Tell me about your greatest success in using logic to solve an engineering problem.
5. Give me an example of a time when you applied your ability to use analytical techniques to define problems or design solutions.
6. What engineering skills have you developed or improved upon during the past year?
7. Which software packages are you familiar with? What is the most interesting thing you know how to do with one of these packages?
8. What are you doing to stay current with the latest technology?
9. What appeals to you about working for our company?
10. Why did you apply for this particular job?
11. Why did you select civil engineering as your field or major?

Questions About Your Personal Attributes

1. What strengths make you a good engineer?
2. What was your professional development plan for the past two years?
3. Describe a time when you received criticism from a supervisor or professor. How did you respond?
4. What is an example of a problem where you had to think on your feet?
5. What will be the biggest challenge for you with this position?

Questions About Your Resume

1. Why are you currently unemployed?
2. What have you accomplished outside of school and work that you are proud of?
3. What are your salary expectations?
4. Where would you like to be with your career five years from now?
5. Describe something you omitted from your resume and how that would make you a good fit for the position.

Technical Questions
1. Describe the principle of operation of the turbo-jet engine
2. Describe the principle of operation of the high-bypass turbo fan.
3. Can you explain how TCAS works?
4. How does fly-by-wire system differ from the older solutions?