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Most Common Interview Questions for Mechanical Engineering Jobs

- Can you tell me something about yourself?
- Why do you want to become a mechanical engineer?
- What are your career goals?
- Tell us something about your education.
- What do you consider your biggest achievement?
- Describe a situation when you failed to accomplish a task in your job, or a goal.
- Describe a situation when you were under pressure in work.
- Tell me about a situation when you used your mechanical engineering skills outside of your work.
- Describe a conflict you had with your boss, or with one of your colleagues.
- Describe a time you struggled to explain a technical issue to someone without technical background.
- What are the different types of fits we use in the United States?
- What computer programs do you use in your work?
- What materials would you recommend for shafts manufacturing?
- Can you describe different types of springs and tell us when we use each type?
- What is an advantage of hydraulic brake when compared to mechanical break and electric brake?
- What type of bearings do you prefer and why?
- Can you explain the advantages of Cycloidal and Involute gears?
- Have you ever worked with a torque?
- Why we call diesel engine high torque, and petrol engine high speed?
- Are you able to name the advantages of projectile motion, when compared to rocket motion?
- Your project is to make a new car. How would you progress from the scratch?

Source and answers: <https://interviewpenguin.com/mechanical-engineering-interview-questions-and-tips/>