

# **Favorite Engineering Interview Questions**

**Collected by Perry Parendo from the UST Industrial Advisory Board**

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Describe a recent technical issue or problem you dealt with and its solution. How did you go about tackling it? What did you do? What were the results of your efforts?

Why did you want to become an engineer/scientist? (If the answer is "Because I was good in math/science," I generally am cautious as I look for the passion).

What do you like to read, both books and journals? (Tells me a lot about hobbies/interests)

How do you approach a new problem? This could be specific to a design issue (my specialty) or manufacturing or service issue.

Tell me about the favorite "team" you've been on and why you enjoyed it. (This could be sports, academic, project, etc. I am looking for dynamics.)

Tell me, what you enjoy for hobbies or interests?

What interests you most about engineering?

Tell me what are your favorite classes and why?

How do you feel about working on the manufacturing floor?

If I called your past/present employer or instructor, what would he/ she have to say about you?

What is the most difficult job you ever had and why?

What would work for you for hours and schedule for the intern position?

Tell me about the most difficult communication situation you have been involved with, and how you resolved it.

We are having this problem in manufacturing (explain detail about what it is). How would you go about solving it?

Are you more interested in a "technical" or a "management" career track?

Why do you want this job?

Tell me about a time when you led an activity and it turned out well...what did you do to make it successful and what did you learn from the experience? Tell me about a time when you led an activity and it didn't turn out well....what happened and what did you learn from the experience?

What are your three biggest strengths?

What do you feel is your biggest "area for improvement"?

Please provide an example of a team based project in which the group resolved some conflict. How did you help to obtain a positive outcome to this situation?