

## **Aerospace Engineer Interview Questions –**

1. What do you do (more specifically) as an aerospace engineer?
  - a. Do you specialize in any aerospace topic (hypersonics, thermodynamics, acoustics, etc.)?
  - b. What does your work entail? Is it mainly focused on CAD, physics simulations, presentations, paperwork, or something else?
2. How did you come to work at GE Aviation?
  - a. What internships, coops, or research opportunities did you take part in?
  - b. What college courses (undergrad or graduate) did you find to be the most important or helpful when starting your career?
  - c. What software or programming knowledge should an aerospace engineer be familiar with?
  - d. Are there any specific tools or programs that newer aerospace engineers lack (that could potentially give me an edge in future applications)?
  - e. Are there any courses that you took during college that were not required for your bachelor's degree that you found helpful when starting your career?
  - f. What led you to work for GE Aviation specifically?
3. I have heard from my parents that you most likely work on projects that might be confidential/require certain levels of security clearance – if you are able to and comfortable with talking about it – what does work under such clearance requirements look like and how does it affect your life?
  - a. What impact does a project's confidentiality have on your ability to work? For example, are you required to go through regular interviews or are unable to bring work (or some work-related materials) home?
  - b. Do you ever have worries about working on confidential projects (in terms of the safety of your family, however Hollywood-action-movie-like that sounds)?
  - c. Does working on such projects impact your ability to travel or your general privacy?
4. If you are comfortable with discussing it, how comfortable are you with your financial and/or benefits situation as an aerospace engineer?
  - a. It has been suggested by my father that engineers usually get better benefits packages in comparison to non-STEM fields, if it is not too private of

information, in your career how much of a percentage of your salary were those benefits worth?

- i. Or to put it another way, have you ever taken a job that paid less in salary but due to its benefits package was worth more money overall? How did you determine if it was worth it (if this is not just an easy answer by looking up different insurance plans)?
- b. How comfortable are you with your salary in the current economy?
  - i. What did your salary progression look like in your career? How long did it take to go from your starting salary to your current salary (and if you are comfortable with disclosing it, what percentile among aerospace engineers are you in salary)?
  - ii. Were there any points in your career and/or family life where your salary became a major worry?
  - iii. With the current US housing market, how possible do you think it would be for a starting to mid-career aerospace engineer to purchase a one family home (this is one of the more worrying questions for me currently)?