Physical Aerodynamicist Interview Questions

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

2. What kind of experience do you have performing complex calculations as part of the analysis and evaluation of data, using computers?

3. Describe methods you have found effective to observe the structure and properties of matter, and the transformation and propagation of energy, using equipment such as masers, lasers, and telescopes, in order to explore and identify the basic principles governing these phenomena.

4. What factors do you consider when developing theories and laws on the basis of observation and experiments, and apply these theories and laws to problems in areas such as nuclear energy, optics, and aerospace technology?

5. Tell me about some of your most recent computer programming projects.

6. Provide an example of a time when you successfully organized a diverse group of people to accomplish a task.

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

8. Tell me how you organize, plan, and prioritize your work.

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

10. Give me an example of when you thought outside of the box. How did it help your employer?