



# Alvaro Hernandez

**M.S. in Manufacturing Engineering, Boston University (2014)**  
**B.S. in Aeronautical & Astronautical Engineering (2010)**  
**GE Aviation, Wichita, KS**

## **Describe your overall duties/ responsibilities as an Aircraft Systems Integration Leader:**

I am currently an Aircraft Systems Integration Leader for GE Aviation on the Advanced Turboprop program. I work directly on site at the customer's facility to lead the design, installation & integration of the new Advanced Turboprop, (ATP) Engine. For the customer, I represent a team of 600 engineers working on this program and I facilitate all technical discussions between them. I am responsible for the negotiation, design and integration of all 72 Engine-Aircraft Interfaces. I coach design engineers on how to collaborate & communicate with the customer to ensure GE's success while achieving a 90% or better in customer satisfaction.

## **Explain the skills/abilities that are required for being successful in your role:**

I think the most important skill needed is to be willing to listen, learn, and react to the customer's need. When you are working on the design of not only a new engine but also a new aircraft, every single interface is a learning experience and a small challenge to solve. It helps to

have a broad understanding of the whole engine system such as how a change in the front of the engine can affect the back end, if it affects the customer, etc.

## **What advice would you give to students who are considering majoring in Aerospace Engineering?**

Enjoy it. Everyone will tell you it is hard and a lot of work; It really is but it is also a LOT of fun. If you look up every time you hear the roar of an aircraft overhead, or you dream about space, Aerospace Engineering will ignite the questions inside you, and your Ohio State professors will help you answer them. You should enjoy learning about what you plan to study/major in here at Ohio State. Finally, don't rely on SMS or e-mail to get the quickest answer. Don't be afraid to pick up the phone and call your peers, build that personal relationship and get the answer to your questions quickly. By the way, this is the way business operates (not via e-mail).

