

Sample Cover Letters

Cover Letter V

February 18, 20XX

Raytheon Company
Integrated Defense Systems
50 Apple Hill Drive
Tewksbury, MA 01876

Dear Hiring Manager,

I am a recent graduate of MIT with a Bachelor of Science degree in Mechanical Engineering with a concentration in Engineering Management. I recently spoke with a Raytheon recruiter at MIT's xFair in February to discuss potential mechanical engineering related opportunities. I admire Raytheon's commitment to defense and security through the use of innovative technologies. With the combination of my engineering and management educational experiences, in addition to my work experience, I believe that I would make a great fit for the Systems Engineer position.

During my internship with Airbus working with fluid mechanic technology I evaluated wind tunnel and flight test data in order to reduce external airframe noise emissions. The analysis that I conducted involved examining data under varying flight conditions and extracting useful information. At the conclusion of my internship, I was able to provide my group with recommendations for improving the model scale testing in the wind tunnel to make better predictions for the flight test outcomes. My work was part of the group's task to provide continual improvements to the company's commercial aircraft. I would be excited to use my analytical skills to improve hardware systems, especially early in their life-cycle at Raytheon, when recommendations can have a high impact and positive result for the end user.

In addition to work experience, I have also practiced systems engineering in my coursework. Through my Optimization Methods in Management Science course I collaborated on a group project to optimize the constraints of a utility company in order to make residential demand response for the utility company a cost-effective tool. I specifically helped evaluate how transmission and distribution costs would incur through the implementation of a demand response program. This position helped me improve my communication and teamwork skills while delivering a project in a timely manner.

I am very excited about the work that Raytheon and welcome the opportunity to speak with you further about career opportunities at Raytheon and how I can contribute. Thank you for your time and consideration.

Sincerely,

MechE Student