I am writing to express my keen interest in a summer internship with Pratt & Whitney. I am a junior mechanical engineer at Lehigh University with real-world working experience looking for an opportunity to build on that experience with an internship in the aerospace industry.

Last summer I had a tremendous opportunity to work for Alcatel-Lucent in Bell Labs, which provided me with invaluable insight into the engineering industry. My objectives were to do thermal and acoustic analysis of key 4G LTE Base Band Units (BBUs), but I was able to expand on this initiative and work in a wind tunnel to determine some of the flow characteristics through the system, and through this analysis gain valuable insight on thermal system.

This experience, coupled with my competitive education, makes me a candidate uniquely poised to excel with a position at Pratt & Whitney. During my experience at Lehigh, I believe I have developed many of the key skills required to excel at this position. For example in my control systems class I created an optimized pitch controller for a Boeing 737, including a SIMULINK model of expected performance.

I welcome an opportunity to meet and discuss my qualifications and candidacy in greater detail. In the interim, I thank you for your attention and forthcoming response.