I am writing to express my keen interest in a summer internship in cabinet design at Alcatel-Lucent. 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 mechanical engineering industry.

Last summer I had a tremendous opportunity to work for Alcatel-Lucent, 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 Alcatel-Lucent. During my experience at Lehigh, I believe I have developed many of the key skills required to excel at this position. For example I am very comfortable with CAD, as I have been exposed to SolidWorks and NX in classes at Lehigh, and have worked with ProE in my summer internship at Alcatel-Lucent.

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.

Sincerely

Brian Loughran