**Brian Loughran**

41 Cambridge Ave, Denville NJ

201-317-3254 \* [bloughran618@gmail.com](mailto:bloughran618@gmail.com)

1/8/15  
  
Alcatel Lucent  
Murray Hill, New Jersey  
  
Dear Hiring Professional:  
  
My name is Brian Loughran, a dean’s list student at Lehigh University, in my sophomore year with Junior Standing. I am looking for a competitive summer internship and I think working for Alcatel Lucent would be a tremendous opportunity. I believe I can be a valuable addition to your team, and I have attached my resume to provide a summary of my qualifications for review.

While I do not have extensive experience in industry, I believe Lehigh’s highly integrated engineering program has provided me with pertinent experience through key projects:

* Real-Time Micro-processor design for control of various industrial applications including pump control, temperature management, and control of a vibration table.
* C++ / Java program to play a dungeon crawl-style game.
* In depth mechanical analysis of both a front-end loader and a conical beam
* Design, optimization and testing of a sand casted heat sink. Selected as best in the class to present to a faculty board and a group of about 200 engineering students.
* Data collection and optimization of a complex queuing system. Also selected as best in the class to present to a faculty board and a group of about 200 engineering students.

With an outstanding work ethic, excellent communication skills, and the ability to work in both team-oriented and self-directed environments equally well, I am well positioned to exceed expectations. 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