

October 9, 2015

Merck & Co., Inc.  
Process Development, Scale Up and Launch Department  
21 E. Washington Street  
Princeton, NJ 07001

Dear Hiring Manager,

I am a Junior Chemical Engineering major at Carnegie Mellon University writing to apply for the Merck Manufacturing GSTC summer intern position. I learned about the position through talking with Ms. Anna Jenkins at the CMU Society of Hispanic Professional Engineers Fall corporate mixer that I helped to host on September 27th. I have a great passion for the pharmaceutical industry and after speaking with several different Merck representatives, I believe that my values align with Merck's. I would like to utilize my laboratory, analytical and leadership experience to contribute to Merck's business.

Last semester, I worked with a team on a Chemistry Lab Project to analyze the nutritional content of energy drinks. The idea stemmed from the fact that energy drinks are popular among college students and we could use our data to better inform our audience about their choices. My role was to act as a facilitator to oversee my teammates and make sure that we were efficiently working to meet deadlines, and so I was able to put my time management skills into practice. We developed a procedure involving UV-Vis spectrophotometry to evaluate the taurine content. We worked through problems that arose with the reaction by performing continuous research on analytical methods. As a GSTC intern, I would endeavor to apply my problem solving and laboratory skills to work on projects that would positively impact the wellness of people.

I strive to promote diversity and integrity in the organizations I am involved with on campus. For example, I am the External Vice President for the Society of Hispanic & Professional Engineers (SHPE). My goal is to help my Hispanic/Latino community develop skills they may need in order to thrive throughout their college years and beyond. To achieve this goal, I organize several networking and professional development events. Some of the events that I coordinate are the corporate mixers, which usually have over 100 attendees each. It is crucial that I maintain consistent communication with our corporate sponsors to foster strong ties and to continue expanding our network to provide opportunities for SHPE members. This position has allowed me to improve my communication skills and learn to interact with different types of people.

Merck is consistently changing the healthcare industry by developing new products that improve millions of lives. I hope to be a part of a team that creates that change. I look forward to hearing back from you and discussing my possible future involvement with Merck. If you have any questions, feel free to contact me at (111) 222-3333 or [pollymer@andrew.cmu.edu](mailto:pollymer@andrew.cmu.edu). Thank you for your consideration.

Best Regards,  
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