

Student of the Month

Robert Nack

Hometown: Seattle, WA

Hobbies: Singing, skiing, composing, having a beer with a buddy, working in a manufacturing environment, and playing videogames.

Why Robert chose Industrial Engineering:

I chose industrial engineering for one important reason. I want to be a manager. When I used to be a Mechanical Engineering major, I was interested in management and honestly was in the major so I could eventually be an engineering manager. When I heard about IE, I was elated to learn that I could learn about management and how to implement management strategies effectively. I switched to IE to better my future and achieve my goals in a more efficient manner. Recently my goals and aspirations have become the dream of owning and managing my own efficiency consultation business for small manufacturing businesses. The goal is to get an MBA through a big company and amass experience in that job, and if the time is ripe for my dream, I will act upon it, most likely staying in the Seattle area so I can make a name for myself.

Favorite IE class so far and why:

My favorite IE class SO FAR has been EIND300 simply because in that class, due to a guest speaker, I learned the harsh reality that most of what I learn in college will not be used in the real world. Since then, I have focused on making connections and practicing efficiency in my daily life to improve my own processes that will become engrained in my personality. This knowledge, while lowering motivation for classes, has helped me become close to my teachers, think about my future in a more serious manner, and create ways in my life to improve efficiency and improve my psychological well-being.

Favorite “Real World” Application of IE thus far (e.g. research position, internship, etc.):

My favorite real world application of IE has been using my knowledge gained during my educational experience at MSU at Seattle Tarp Co., a small manufacturing business. Using time studies, I was able to estimate prices based on our hourly labor cost to accurately to ensure that the company was not wasting money by undercharging customers. I also used basic management logic to implement more efficient tracking forms that followed the order throughout the production process, and used less paper to eliminate waste and ensure that the forms would be filled out by Quality Control. Lastly, using my SOP knowledge from EIND313, I made some SOP's on quality control for RF Welding and Heavy Sewing procedures, ensuring a prospective customer that we had the necessary means to ensure quality for sealing thousands of feet of tarp material. My education has helped build my mind into an effective tool for improving efficiency and solving problems at this small manufacturing business!



Congratulations from everyone in IMSE!

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