



Bekah Hayman

**B.S. in Industrial and Systems Engineering (2015)
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Describe your overall duties/ responsibilities as an Industrial Engineer:

I own capacity planning for several manufacturing process groups, so I am responsible for maintaining robust capacity models and using them to establish ROI of improvement projects, then tracking and reporting on project progress as it relates to the company's cycle time, capacity, and financial goals. I also own factory layout planning, where I use our capacity models to design an optimized wafer fab based on future equipment and process requirements. Additionally, I am responsible for supporting our automated factory scheduling system and providing continuous system improvement to meet production priorities.

Explain the skills/abilities that are required for being successful in your role:

My job requires me to be very thorough and skilled in complex problem solving. I work closely with a wide variety of people and roles in the company, so effective communication is very important, along with being able to continuously learn and

digest new information. It is also essential that I have strong technical skills in things like CAD design, Excel, SQL, and basic programming.

What advice would you give to students who are considering majoring in Industrial and Systems Engineering?

Recognize and take advantage of opportunities that come your way to find your niche in Industrial Engineering. There are so many different paths to take in this field (some even unconventional) so utilize internships, people you meet, extracurricular activities, and course offerings to explore the possibilities of what you can do with your degree.

