Describe your overall duties/responsibilities as a Production Quality Engineer:

My duties are to support the production of our products and verify that everything we ship out to our customers is top quality! I am also in charge of drafting verification and validation protocols for new products. This involves experiment design, running studies and data analysis. This role allows me to work with a cross-functional team giving me even more experience in my field!

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

There are a lot of soft skills that are needed to be successful. Knowing how to work independently as well as being able to contribute to your overall team is paramount. It is also necessary to learn time management and how to juggle multiple projects/deliverables. Good time management will allow you to take on more responsibilities within your role. Hard skills such as statistics, knowledge of FDA regulation and knowledge of manufacturing are very helpful as well.

What advice would you give to students who are considering majoring in Biomedical Engineering?

Make sure to get experiences that allow you to be in a FDA regulated production environment. This will not only give you insight into FDA regulated development but it will also help foster independence and time management skills! I would also recommend taking classes in CAD design or statistics to bolster some of those hard skills. Other than that it is a very exciting field and I definitely recommend it!