What advice would you give to a student who is preparing to apply for an internship/job in your industry?

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**Tell Me About Your Job**

I work as a mechanical engineer in new product development. A typical day/week changes throughout the lifecycle of a project. Early on in development, I spend a lot of time in CAD software and rapid prototyping. As the design matures, I start performing more analysis using tools such as FEA. Once the product has passed all of our testing requirements, I help to bring it to market by developing manufacturing processes.

How did your major or classes at CMU help prepare you for your job?

A strong technical foundation is key for my role, and that was built through my core mechanical engineering classes. More specifically, though, the design classes that I took allowed me to learn and explore about the design process. This includes determining feasibility, developing requirements, and making prototypes. I got to explore that process at CMU, and it prepared me well for industry.

What other activities, hobbies, or experiences helped to prepare you for a job in your industry?

In everything that I do, I like to tinker. This habit keeps me on a track of continuous learning, and I can take lessons I learn outside the office and apply them to my work, often in unexpected areas.

What classes would you recommend to a student who is interested in a job in your industry?

The best class that prepared me for a job in medical devices was BME Design. It does an excellent job of replicating what medical device development looks like, so I was able to speak to that in my job interview.

What advice would you give to a student who is in the early stages of considering a career in your industry?

Research recent trends in the industry. Medical devices are changing very quickly, and it is helpful to be on the cutting edge of technologies that are making their way into development.

What advice would you give to a student who is preparing to apply for an internship/job in your industry?

Research the company well preferably so that you know what their products are used for. Having this knowledge shows employers that you are genuinely interested in their products. Also be prepared to talk with your hiring manager about your specific skills. What roles have you had on projects in the past? What could you bring to this new role?