

Last summer, I interned at a robotics company called null space robotics where I initially shadowed, and eventually taught the students lego robotics through Spike Prime, and Scratch coding for the younger students. Last summer I entered at a robotics company called NU Spaced robotics where I initially shadowed and eventually taught the students Lego robotics through Spike Prime and scratch coding for the younger students.

The job was initially difficult, as along with helping the younger kids with building their robotic structures, encoding. I also had to learn the modules alongside doing the same thing. However, as I mastered Spike Prime and began to help around , I began to gain proficiency in building the robots and doing the coding. And soon, if there were less students or if I had time to myself, the mentors also encouraged me to build my own robots and code them by myself .

Along with shadowing and teaching Spike Prime, I also taught a few classes of scratch coding to the much younger students who weren't able to cope with the complexity of Spike Prime. Aside from all of this, where there were pockets of free time, the mentors kindly took it upon themselves to teach me some higher level things. That is where I first got introduced to Arduino and I got taught the basics of Arduino along with the block coding required and soon, despite despite not being able to learn it fully due to the duration of my internship, I also started to learn C++ in order to code in actual language for Arduino. The internship was overall a success, and I found that I learned a lot of different things, whether it be how to build different robots or how we can code in C++ or block coding for Arduino or how to build an Arduino-based circuit. I think the internship was highly successful and not only taught me technical and hard skills, but was also responsible for teaching me soft skills.

Although my leadership skills have developed over the years , working with children is something that can challenge that. So I had to learn new strategies and try and test different things, and I had to be able to not only keep their attention, but also make sure that I wasn't delegating that I wasn't delegating much of the tasks to myself, especially if the child was very difficult to work with .

Overall, I think I had a very positive experience and I also was able to make a connection with the other interns. It was an enjoyable experience and I learned a lot about myself and in some the internship taught me not only technical and hard skills, but also taught me soft skills and diversified my leadership areas of expertise.