

Summer Internship at Thorlabs

Corey Gerth took a chance and it paid off for him. At the end of the 2019 school year, Corey wrote to Alex Cable the CEO of Thorlabs explaining that he was interested in studying mechanical engineering in college. Mr. Cable asked for a copy of his resume and then the CEO offered Corey an internship.

To begin his internship Corey had to learn Solid Works a 3D CAD software. He catalogued the Thorlabs tools into computer versions, which allows the tools to be duplicated.

He then received experience in the shop learning how to sand the lenses.

During that time, he conceptualized a robot that could grind/polish the edges of the glass lenses. He modeled the robot in Solid Works. Then Corey built and programmed the working prototype using VEX Robotics Components.

Corey is a senior this year at Kittatinny. He has been in the robotics club since he was a freshman and has been enrolled in robotics courses at KRHS throughout his high school career. During his sophomore year, he placed third at the Technology Student Association Vex Robotics Competition at The College of New Jersey.

Mr. Cable has been so impressed by Corey; he now has a part-time job after school at Thorlabs. With a goal of learning more about mechanical engineering and a little bit of initiative, Corey made this a very interesting summer and the beginning of what promises to be a very exciting future career. Congratulations Corey on your new job. Be sure to keep us posted of all your new mechanical creations.

