



# Volunteering at the Ridgely Robotics & Technology Summer Camp 2020



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- College Park Scholars Academic Showcase, April 30, 2021



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## What is Ridgely Robotics & Technology?

Founded over 10 years ago, the Ridgely Robotics & Technology summer camp has taught thousands of middle-school-aged children about the principles of science, technology, engineering, and math (STEM). It offers camp sessions for robotics, 3-D printing, game design, flight & space, girls in STEM, and so much more. The camp never slowed during the pandemic and shifted all operations to a virtual environment.

The virtual summer camp 2020 had over 100 campers that were excited to learn about **STEM concepts**. For hands-on activities, STEM kits were sent to everyone's doorstep.

## Impact

The goal of this camp is to **inspire** the next generation of scientists and engineers by exposing them to innovative technologies in a collaborative environment. Offering camp during the 2020 covid pandemic was essential. It gave children the chance to learn and grow, even when we were apart.

## Activities

As head counselor, I played an integral role in moving the Ridgely Robotics & Technology summer camp to an online environment. I designed **novel camp sessions**, such as Video Editing and Game Design, that are well suited for online. I personally oversaw over **30 children** between my video editing, game design, intro to robotics, and 3D printing camp sessions. To aid the shift to online, I designed and published a **Facebook Page** (linked above) to help parents navigate our services.



## Future Work and Acknowledgements

The Ridgely Robotics & Technology summer camp will continue to thrive, and we are making plans for this summer.

I'd like to thank College Park Scholars– Science & Global Change, Ridgely Middle School, and my site supervisor, Greg Kallaur, for this opportunity.

