Professor Zhao’s research is focused on finding a way to track muscle movement with micro sensors. These sensors need to be able to not break during muscle movements. The serpentine needed to be able to stretch and bend for this to be possible. This could be used in medical applications to track how muscles move in certain applications.

During my time at Shine I have picked up many new skills. This includes learning how to use modeling software such as Auto CAD and Fusion 360.

I also learned how to operate a microscope and take close up pictures of my models and how to test my own designs.

The Shine experience gave me an understanding of how research turns into testing and then into a product. I was able to see different processes and procedures within the lab.

I am planning to use my new knowledge from Shine in classes in upcoming years and for my career. This understanding in engineering will go a long way to help me towards a job in engineering.

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