

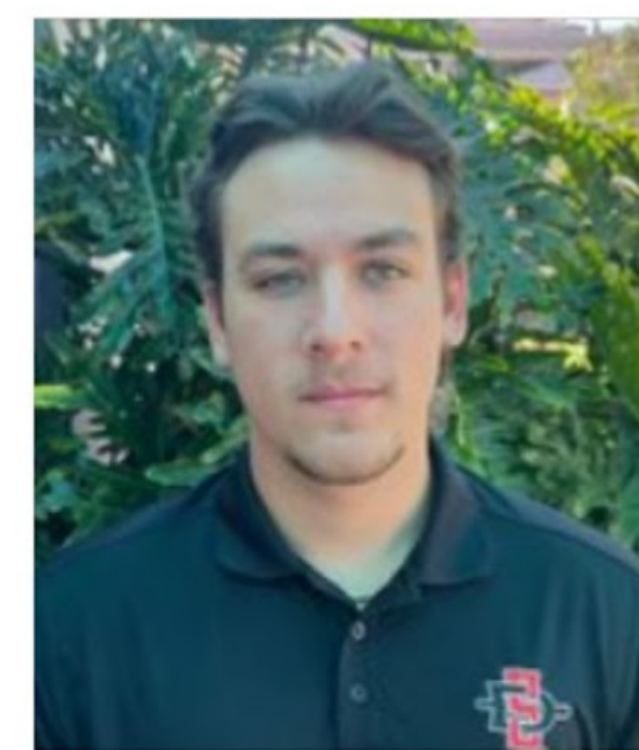
Meet the Team:



Andrew Boskovich



Bernice Gudino

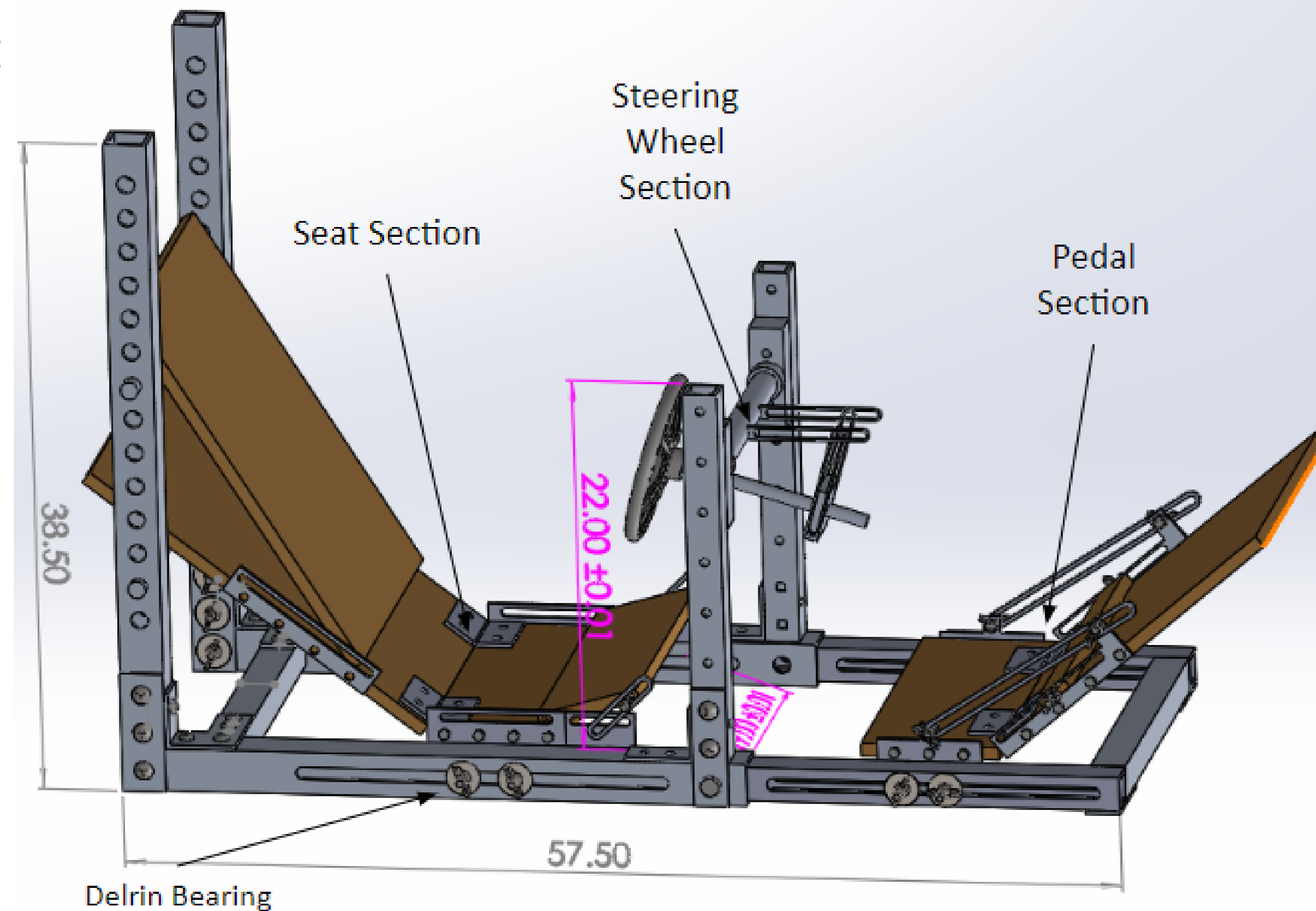


Cameron Senner

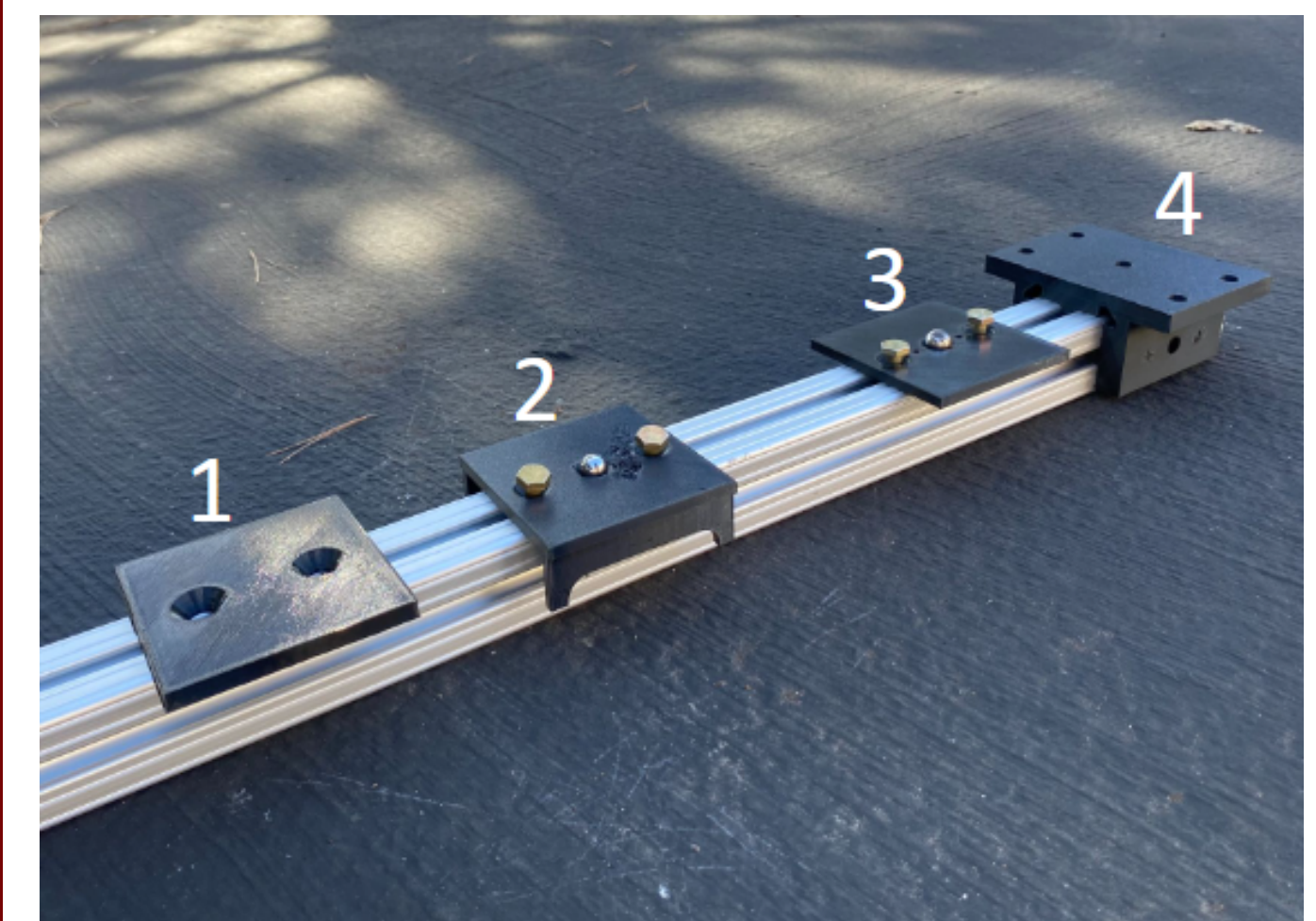


Mehraj Khawaja

CAD:



Prototypes:

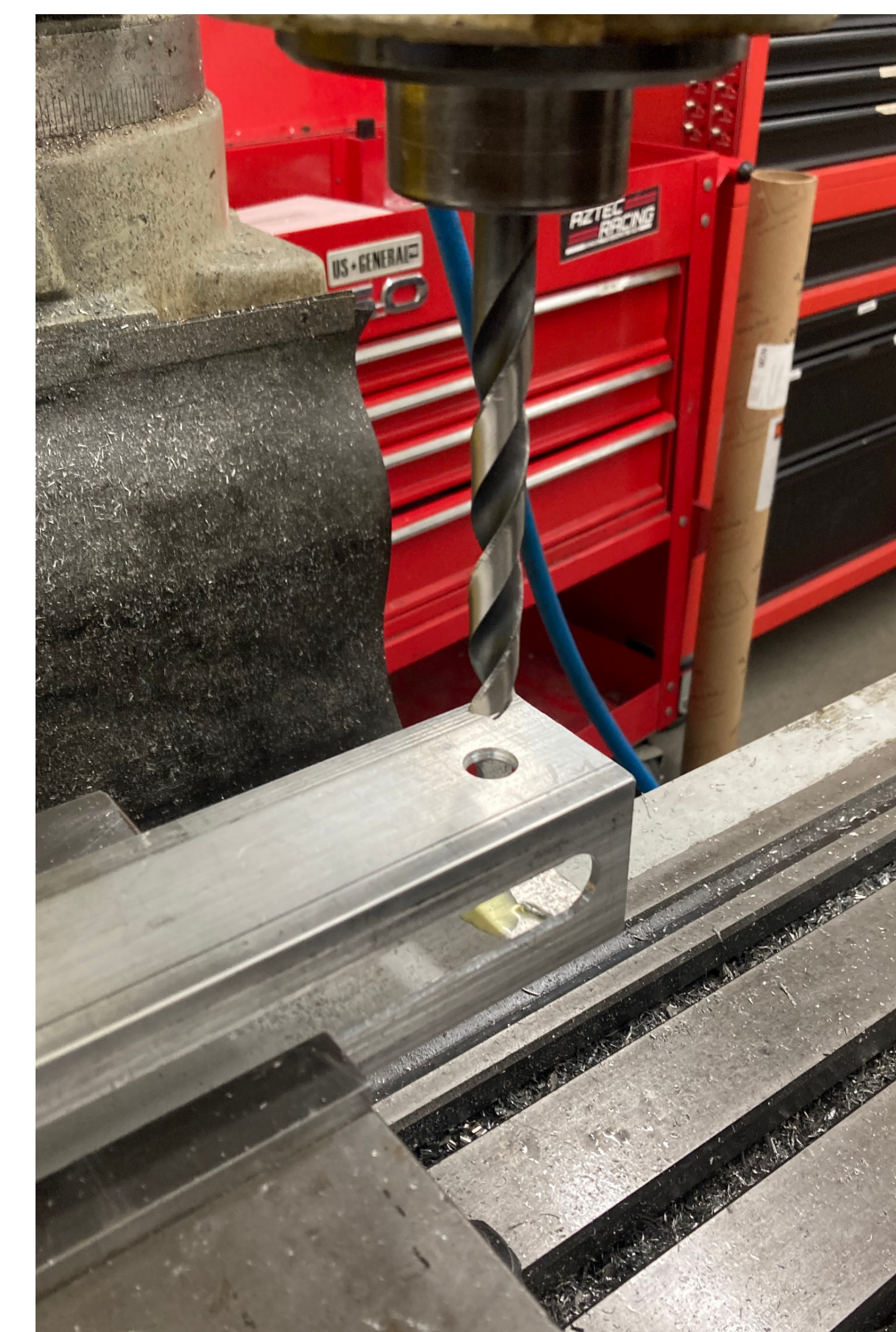
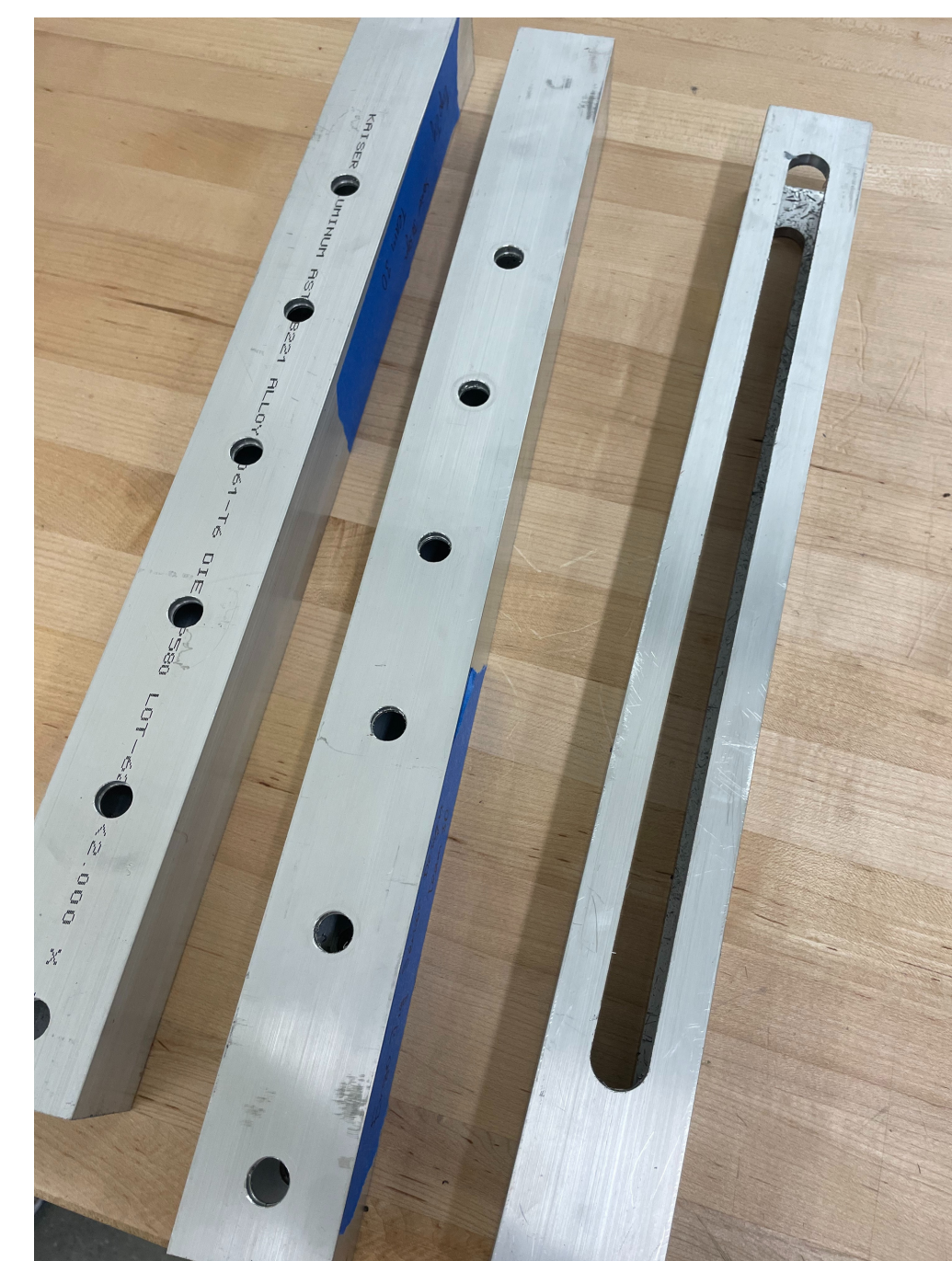


Project Overview:

Problem Statement: It has been difficult for Aztec Electric Racing (AER) to get a good idea of seating position for their final car. Seating position is extremely important for driver comfort and overall packaging in the car.

Needs: Design and create an ergonomic jig for pre-design testing. AER should be able to manipulate the position of these components in order to get a good idea of the cockpit layout. Jig needs to be reusable and easy to store.

Manufacturing:



Sponsor & Acknowledgements:

SDSU

Aztec Electric Racing

ABOUT: Aztec Electric Racing (AER) is a collegiate engineering team from San Diego State University, designing, manufacturing, and racing a Formula-style electric vehicle since Fall 2016, fostering hands-on skills for engineering students.

ACKNOWLEDGEMENTS: Team would like to thank the SDSU Aztec Electric Racing (AER) team including the current President of AER, Eli Uva, & the AER Chief Mechanical Engineer, Sam Kneale. Special thanks to our Mechanical Engineer Senior Design Instructor Dr. Scott Shaffar for providing the insightful guidance to our project.

**Spring
2024**