

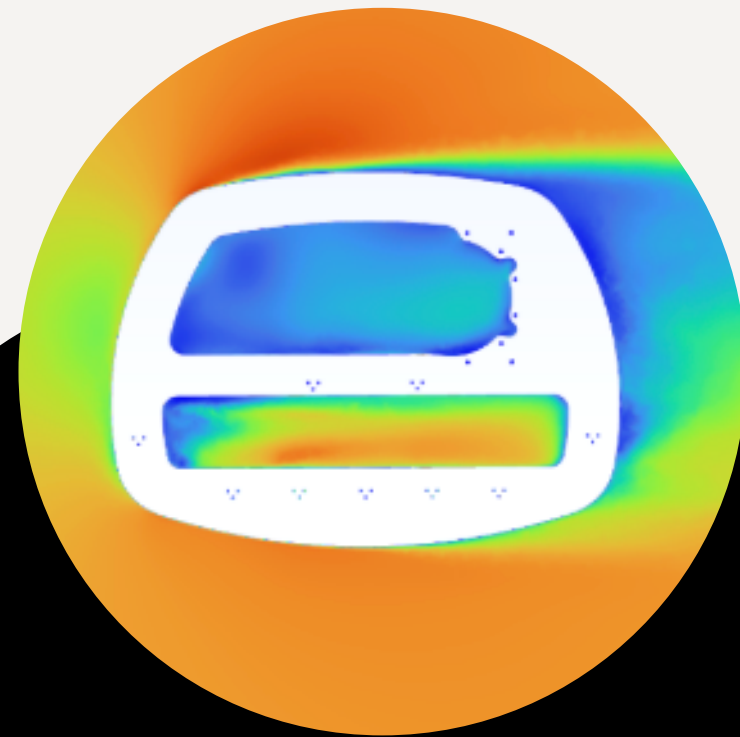
MECHANICAL TEAM

RECENT DEVELOPMENTS



TORPEDO LAUNCHER:

Utilizes a single servo and a turn-lock mechanism to accurately fire two torpedoes



HYDRODYNAMIC FRAME:

Optimized frame geometry using Ansys computational fluid dynamics

FUTURE GOALS

1

CRUSH UPDATES

Implement 8 thruster configuration, manufacture and integrate case, and machine buoyancy blocks

3

OOGWAY UPDATES

Update torpedoes system, improve subsystem durability, and add cooling for electrical stack

2

MARKER DROPPER

Design and implementation of a single servo, two object controlled dropper

4

NEW ROBOT

Design and simulation of new frame for future robot along with more modular mounting system