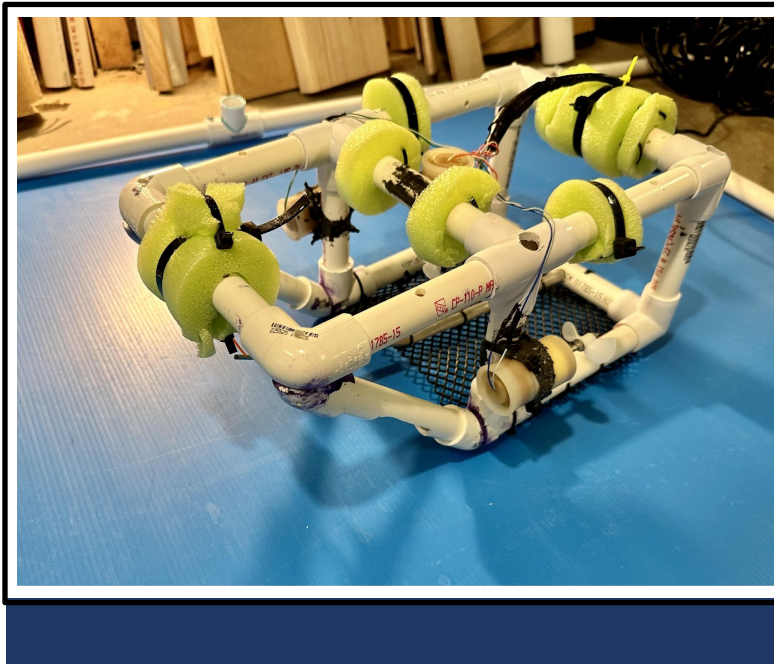


The Whale

Made by Jacob Mendelsohn and Vasishta Indukuri



1 year participating at SeaPerch

0 times at the international competition

Our SeaPerch is unique because:

The Whale's design incorporates the shape of a whale with the angled part on the front that allows it to be more hydrodynamic. Despite its larger size it was very easy to maneuver and worked perfectly during testing.

SeaPerch Design Overview: (100 words MAX)

We first designed a 3d model of our ROV in TinkerCad, a design software. Then, we scaled the design to be the same size as the real life one would be. Then, we cut the PVC to the sizes that we needed. Also, we bought some custom joints for the ROV, as the kit we were given did not have these joints. After this, we put together the ROV, and started working on the thrusters and the controller.

Our biggest takeaway this season is: (100 words MAX)

Machines may work very well during testing but then could fail during the time when its most important, in short things don't always go as planned and engineers have to be prepared for that.