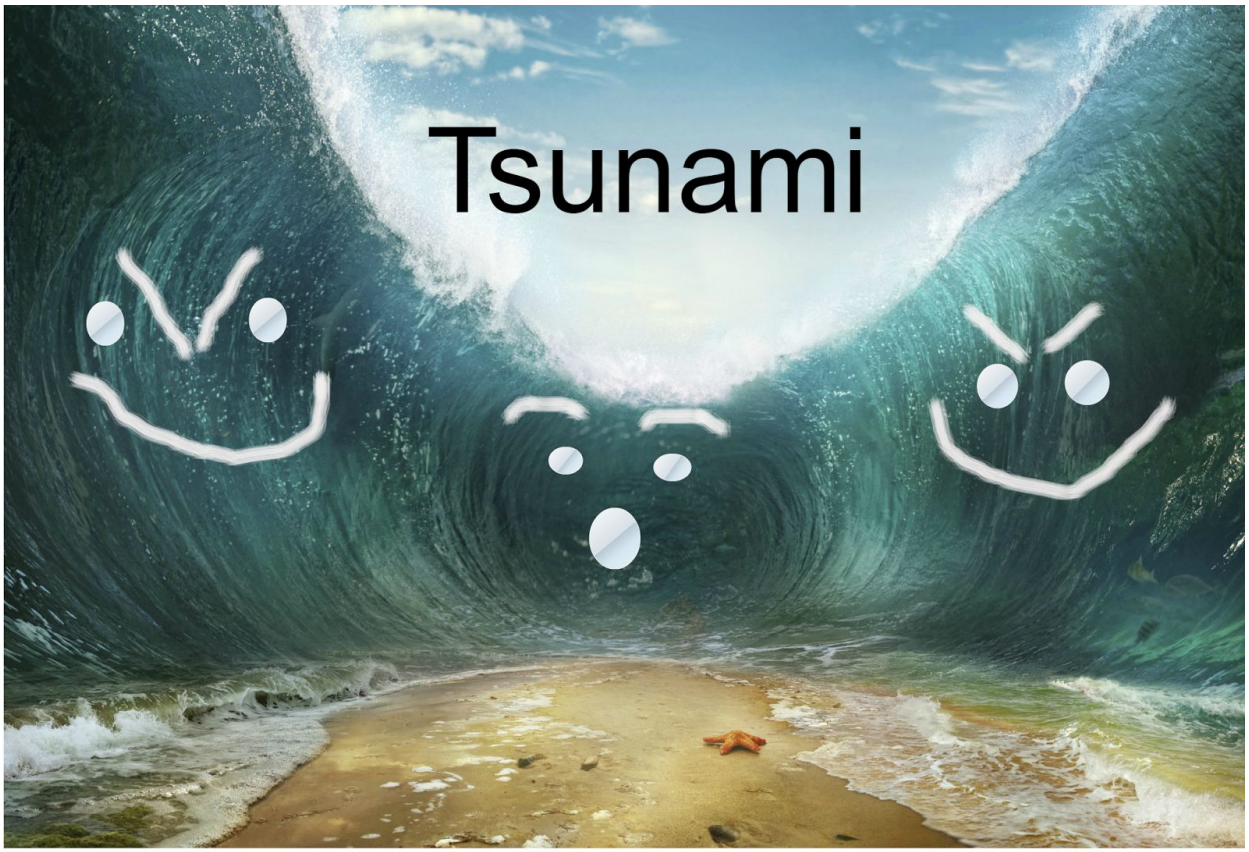
Tsunami Logo



Daily Log

Day 1:

When we first got to the camp, we received an introduction to what our camp was going to be like. Then we split up into teams and each person in the team got a specific job in building our DSTR (disaster) robot. The members of my team and their jobs include: Luke is software, Lauren is control, and Yesh is mechanics. After we decided what jobs everyone would have, the entire group split up into their jobs.

The team members working on control, which is the electrical side of the robot, were given a safety lesson then they started drilling holes into the sled. After the holes were drilled, they used a soldering iron to put nails in the end of the sled. The team members working on the mechanics were given a safety lesson then started drilling holes into metal rods which would become the legs of the robot. Then pipes were cut which would be connecting the main frame together. The team members working on software learned the basics of coding. Then I, the communications team member, learned about how social media worked then we took pictures and learned about what our other team members were doing. As a whole, we also came together in the afternoon and learned about number systems.

Day 2:

In the morning, we learned a little bit about how social media works from a professional perspective and in the afternoon we learned about the physics of friction. Then the communications team created a logo and a twitter for their team and also helped their team members in Control and Mechanical. The mechanical team put the legs of the robot together. The control built and tested the motors. Once the motors were done, the mechanical and control group combined. The software team continued learning about the in's and out's of coding then created code for the DSTR robot.

Day 3:

In the morning, we had a mini-lesson over an H-Bridge and in the afternoon we had a mini lesson over battery capacity. In the morning, the communications team worked with their team members in software to learn about how the code for the robot worked. In the afternoon, the communications team worked on updating the daily logs and our twitters. The mechanics team member worked on finishing the frame and the electrical and software team member combined efforts to put the robot completely together. That afternoon, everyone came together to put all pieces of the robot together and test it.

Day 4:

This was the day we all worked together to fix all of the problems the robot had and perfect our DSTR's performance for the race tomorrow.