

THE TALON TIMES

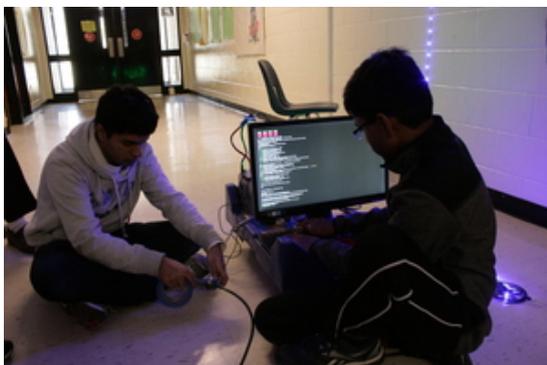
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Outreach Files

This week we visited the Peter Paul Development Center and taught students how to build and program their own robots using “BombiniBot” curriculum. We also wrote the rough draft for our new robotics children’s book “Rio the Robot” - which is to be donated to local libraries. The book introduces robotics to 1st-2nd graders while teaching them a valuable lesson on self-esteem and self-confidence. We also designed team and outreach posters to be presented to judges during competitions; these will provide a snapshot of our team and detail the community outreach events that we’ve conducted in the past year. Last week we brought the “BombiniBots” to Peter Paul’s After-school Program. It was a ton of fun for both the volunteers and the students. The kids giggled with laughter as they chased down their robots gone rogue, excitedly wrote programs that allowed the robot to maneuver through obstacle courses, and proudly showed their parents the code that they had written.

- David Lu



CAD Files

During week 5 of build season, we worked on the intake, shooting mechanism, E-Board, and our “Ruwe” rails. Furthermore, we looked over



Mechanical Files

These two days have been really helpful to the team. We have gotten thing done that are essential to this year’s robot. On Friday, we worked on

past CAD parts to distinguish errors and revise dimensions. When some of the members were not working on CAD, they helped other subgroups with small tasks and errands. For example, I sorted out any possible materials for the robot to improve organization. However, most of the time was devoted to reverse engineering or assembling parts on the robot. At the end of the week, our lead, Michael Wisner, went over objectives and goals for the current and future weeks.

- Alex Kim

the frame of the prototype. Firstly, we got both gear boxes on the bot, put the middle set of wheels on, and we made sure everything ran smoothly. It was a great use of a night and it really benefited progress. But today, we need to grind hard on the robot. The drive train has finally been finished after tedious work, and after fixing a bent shaft and re-drilling some holes, the frame is looking ever so closer to completion.

-Sam Munno

Stay Tuned!

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TALON 540

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