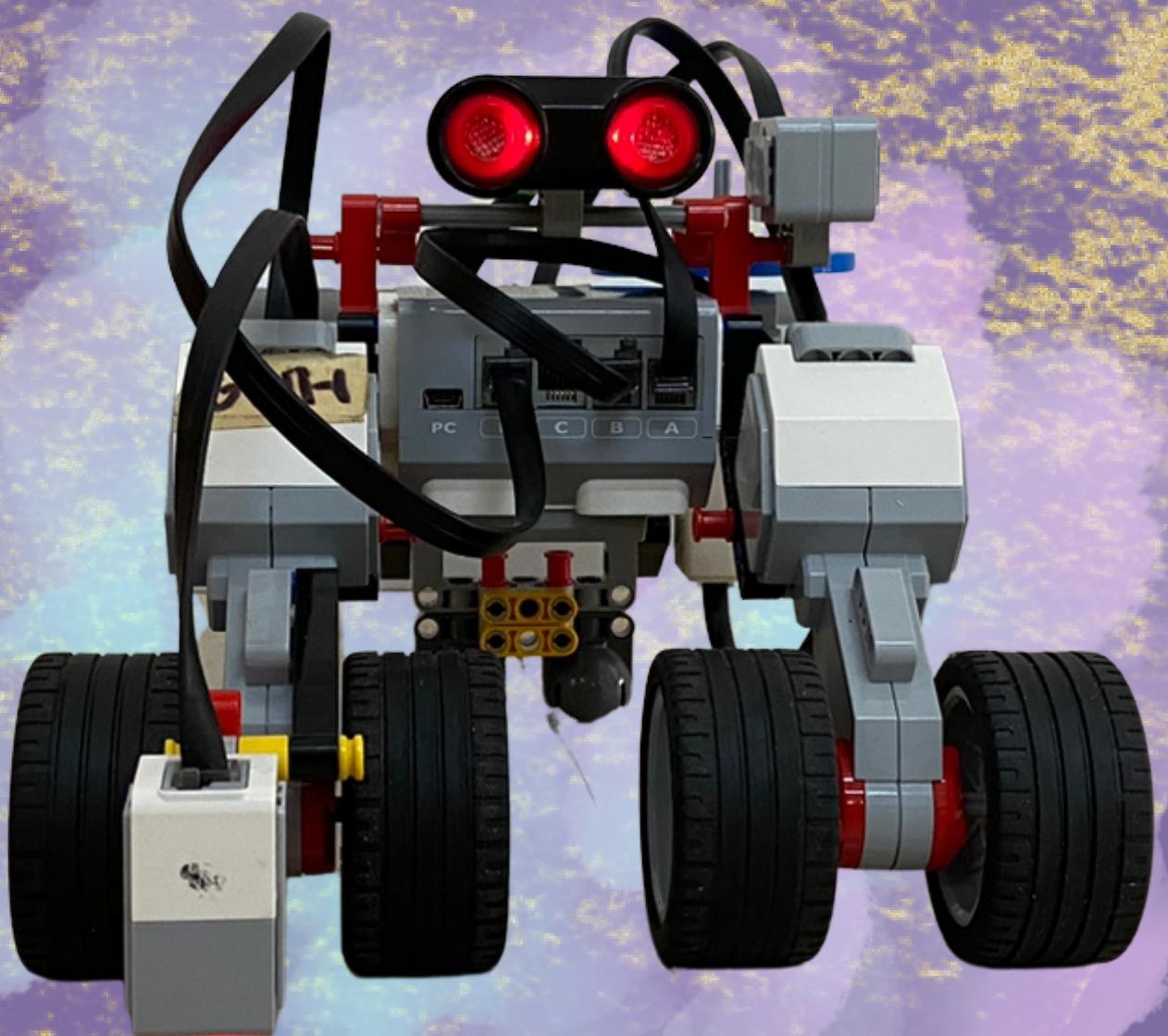


FREEWARE FRIENDS

PRESENTS

ABSTRACT

Our project shows the ease with which a rover can aid farmers, with the specific use case in our showcase being farming in space. Since different factors like gravity, the atmosphere, etc. can impact the efficiency of human farmers, the most efficient alternative would then be to use robots who are specially built for their environments.



ABOUT OUR ROBOTS

We built 3 robots: two humanoids and a rover. The humanoid robots act as farmers, while the rover helps out on the farm, speeding up their progress.

The interactions between our bots are meant to show the ways in which robots can help us in the most remote, unimaginable environments. And more than anything, they look pretty good while doing it!

4 TECHNICAL FEATURES TO LOOK OUT FOR:

LOCOMOTION

MAPPING

HUMAN
INTERACTION

PROP
MANIPULATION