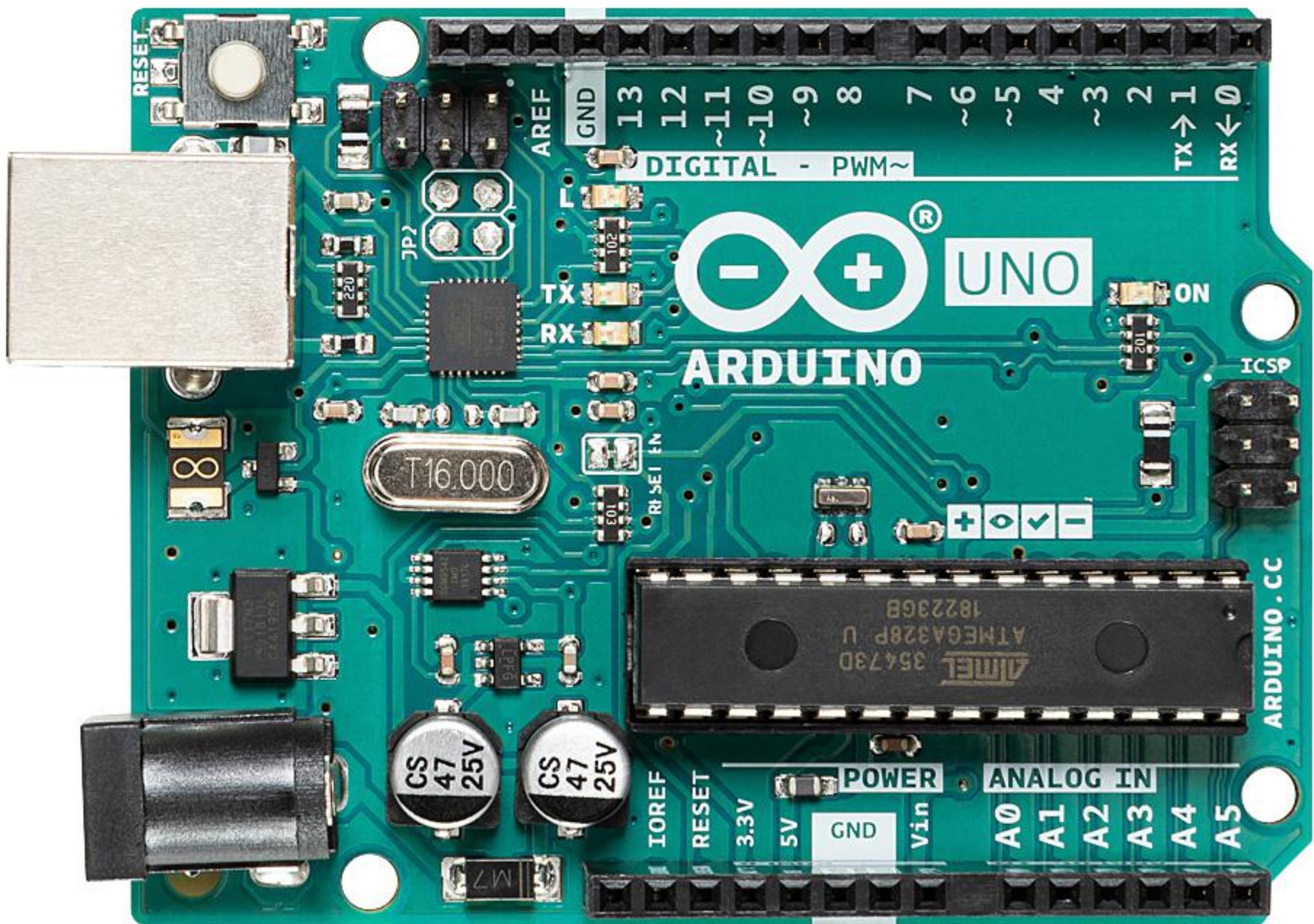


Arduino 101

Beginner Booster

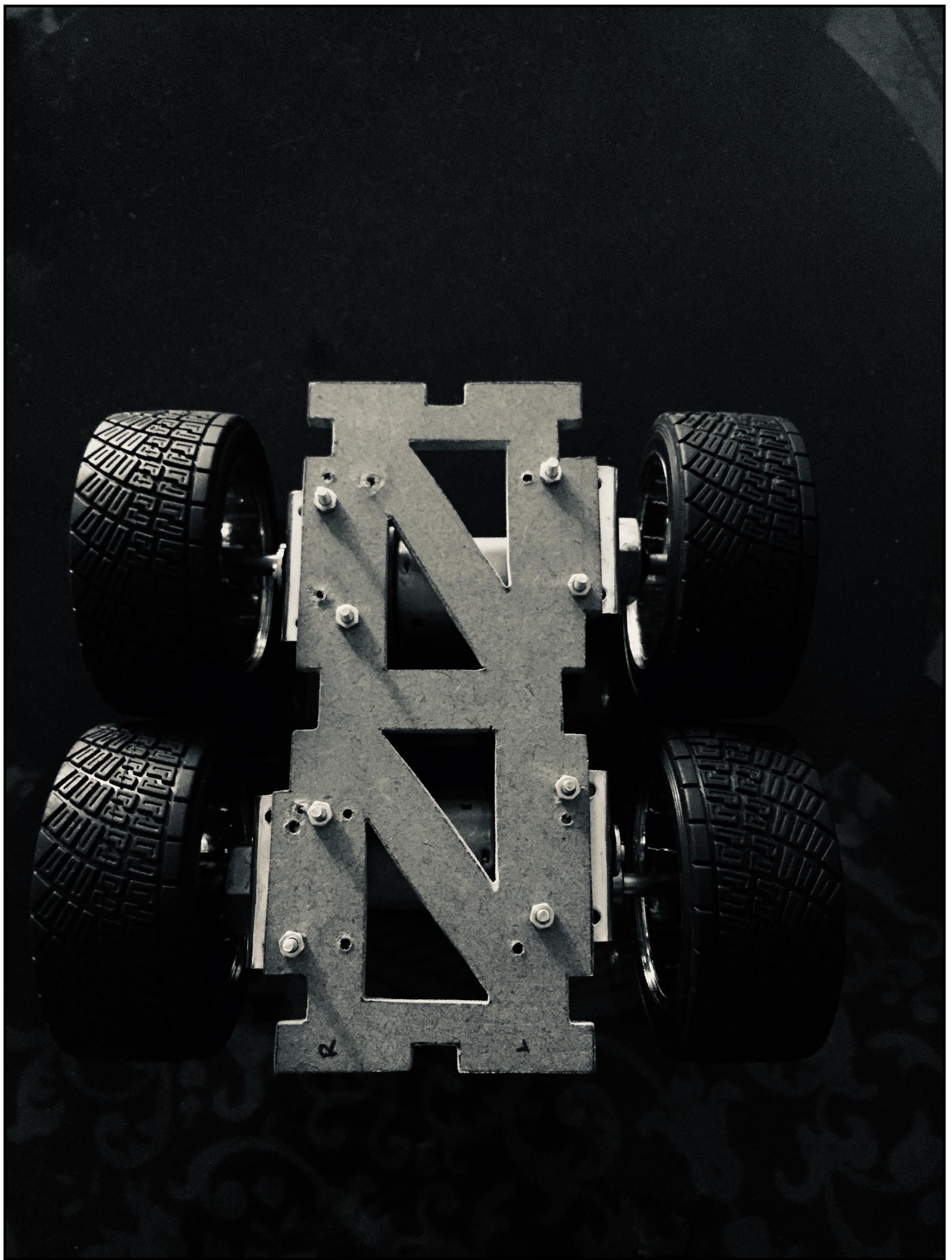
Yash Herekar

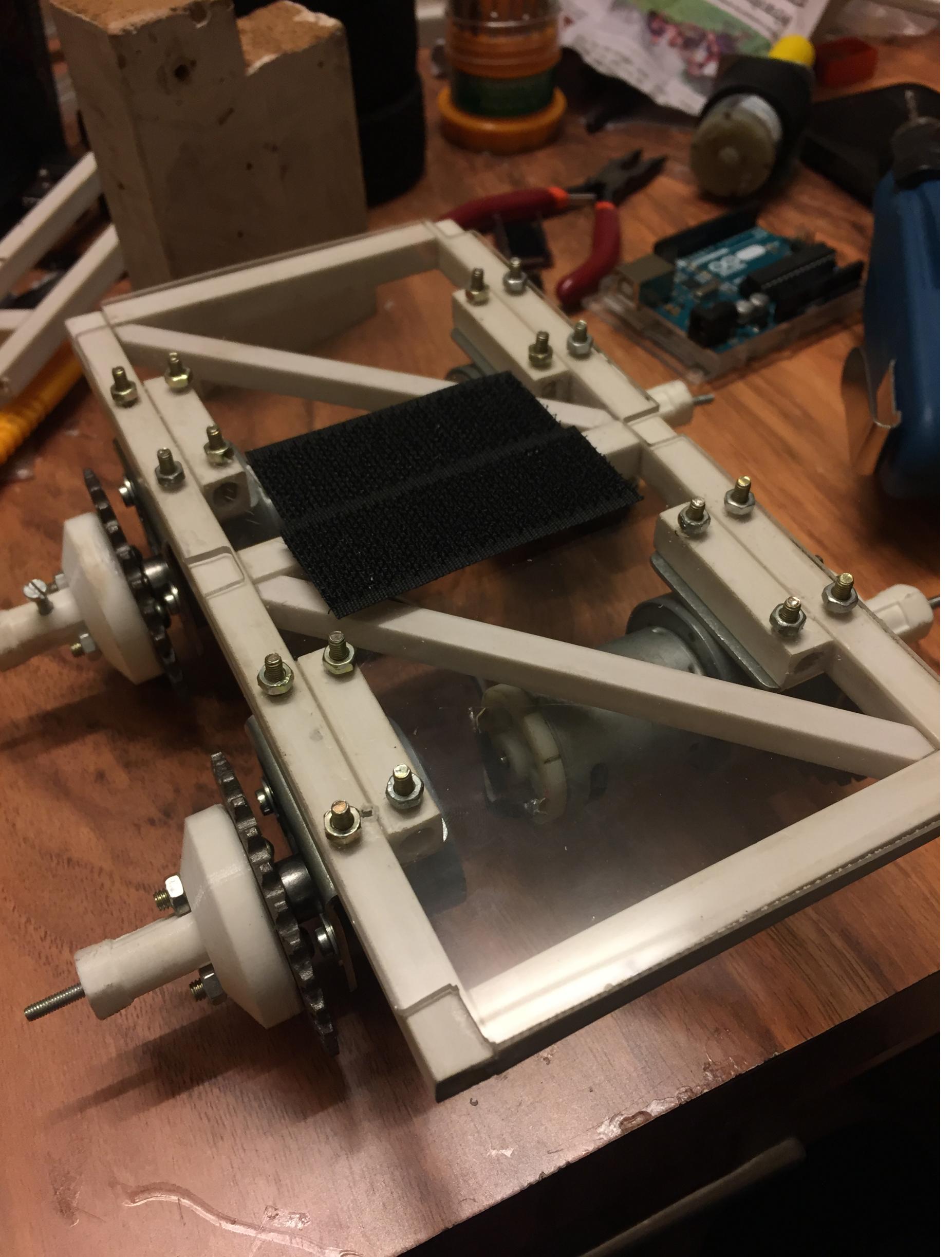
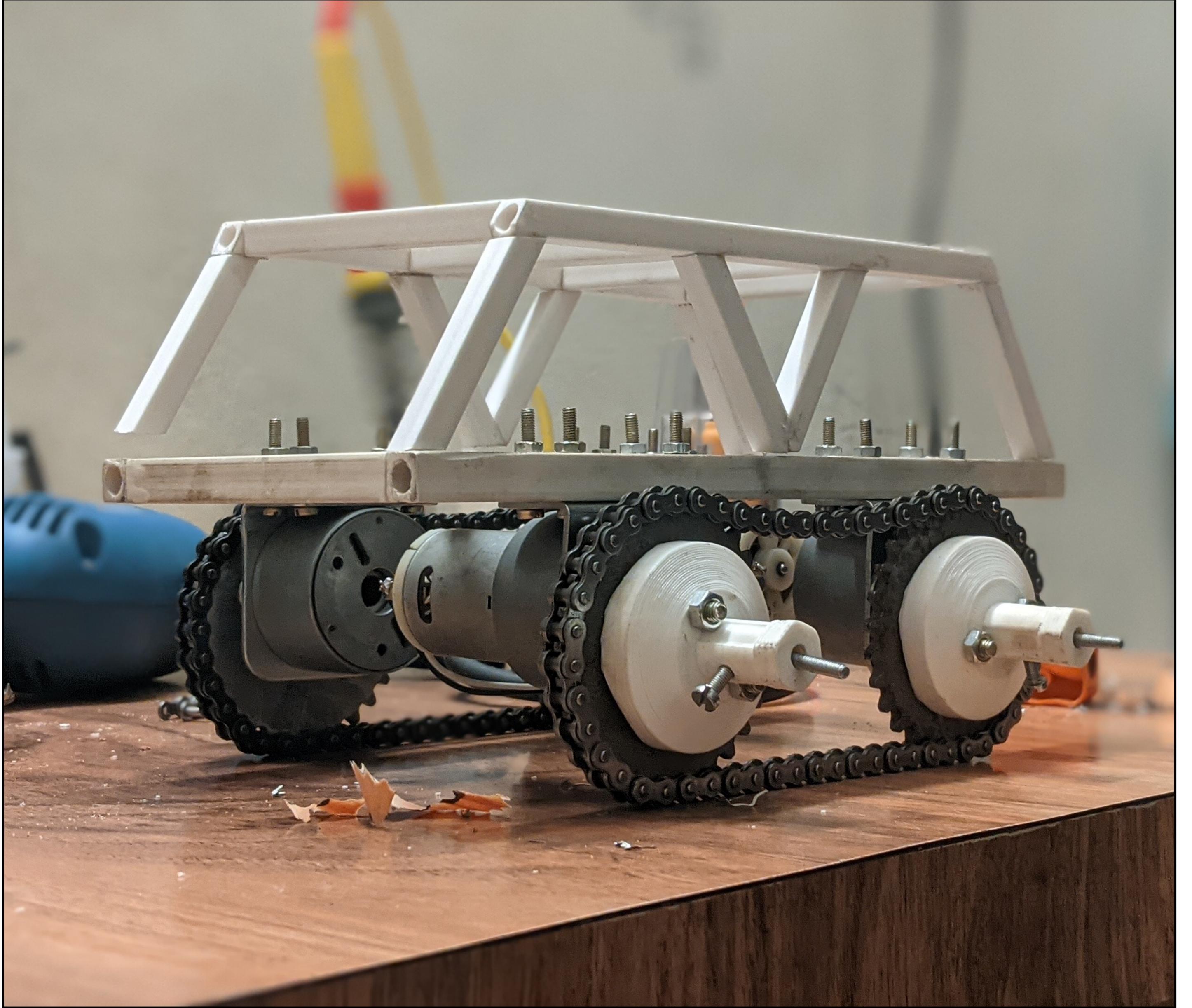
December 18 2022

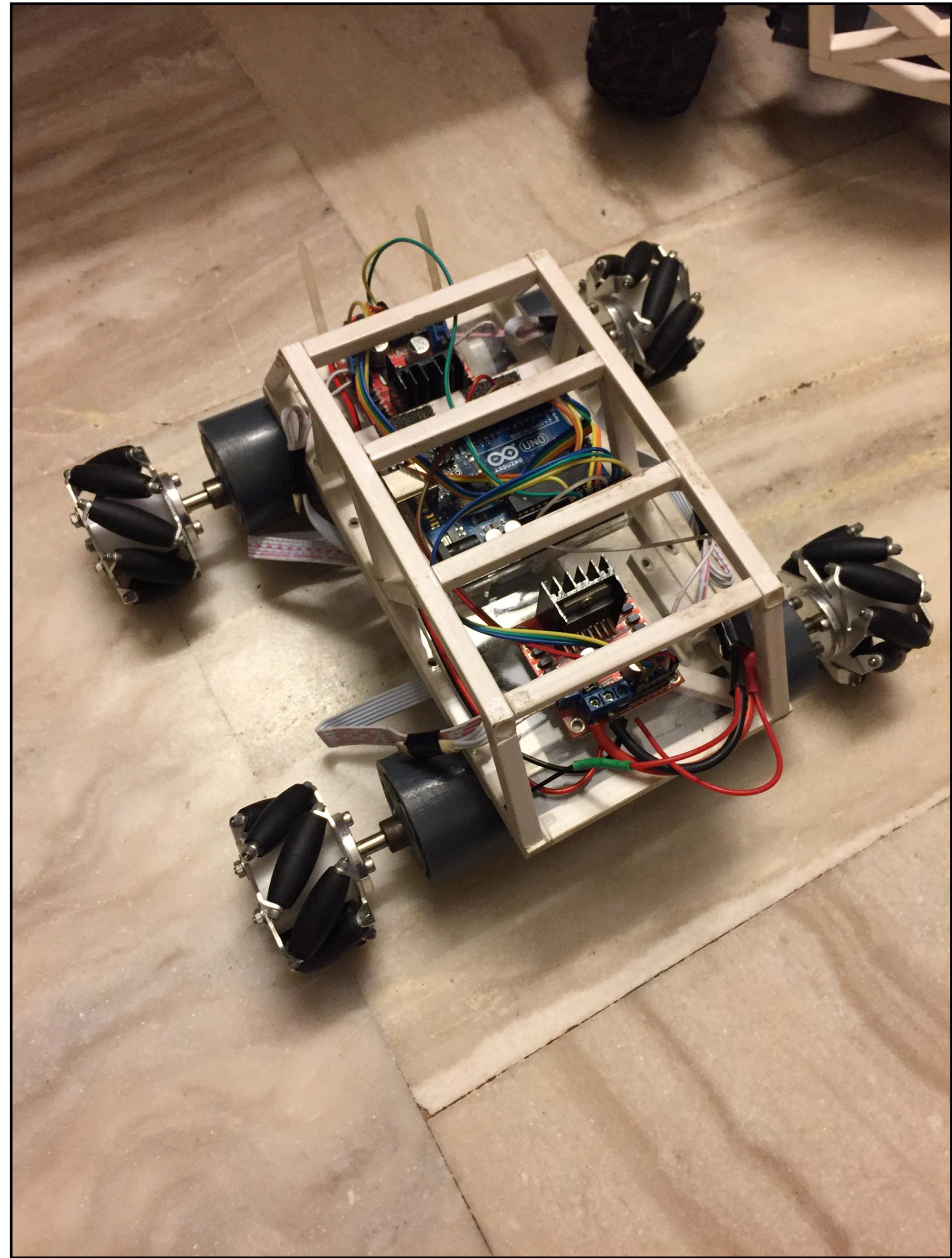
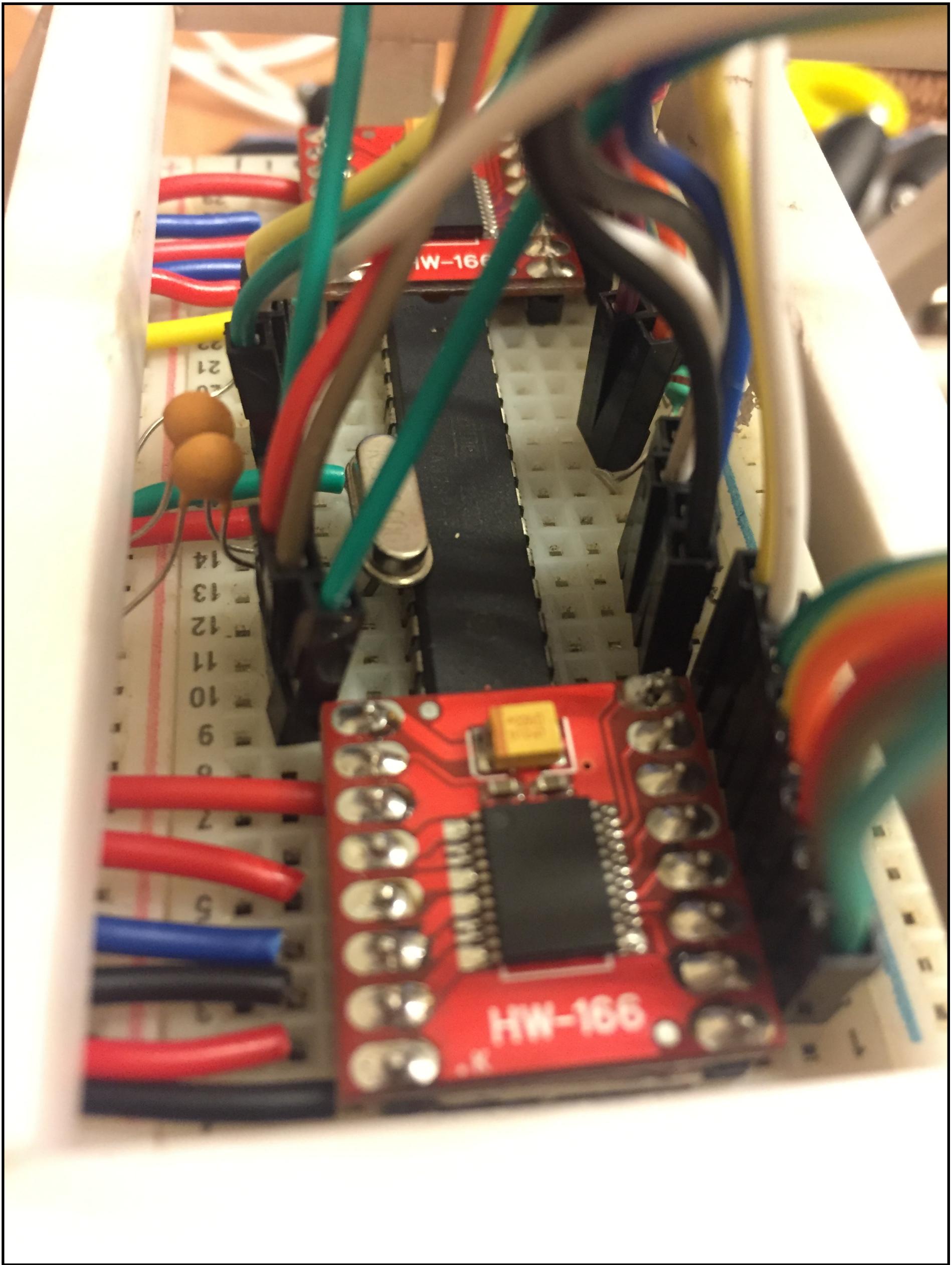


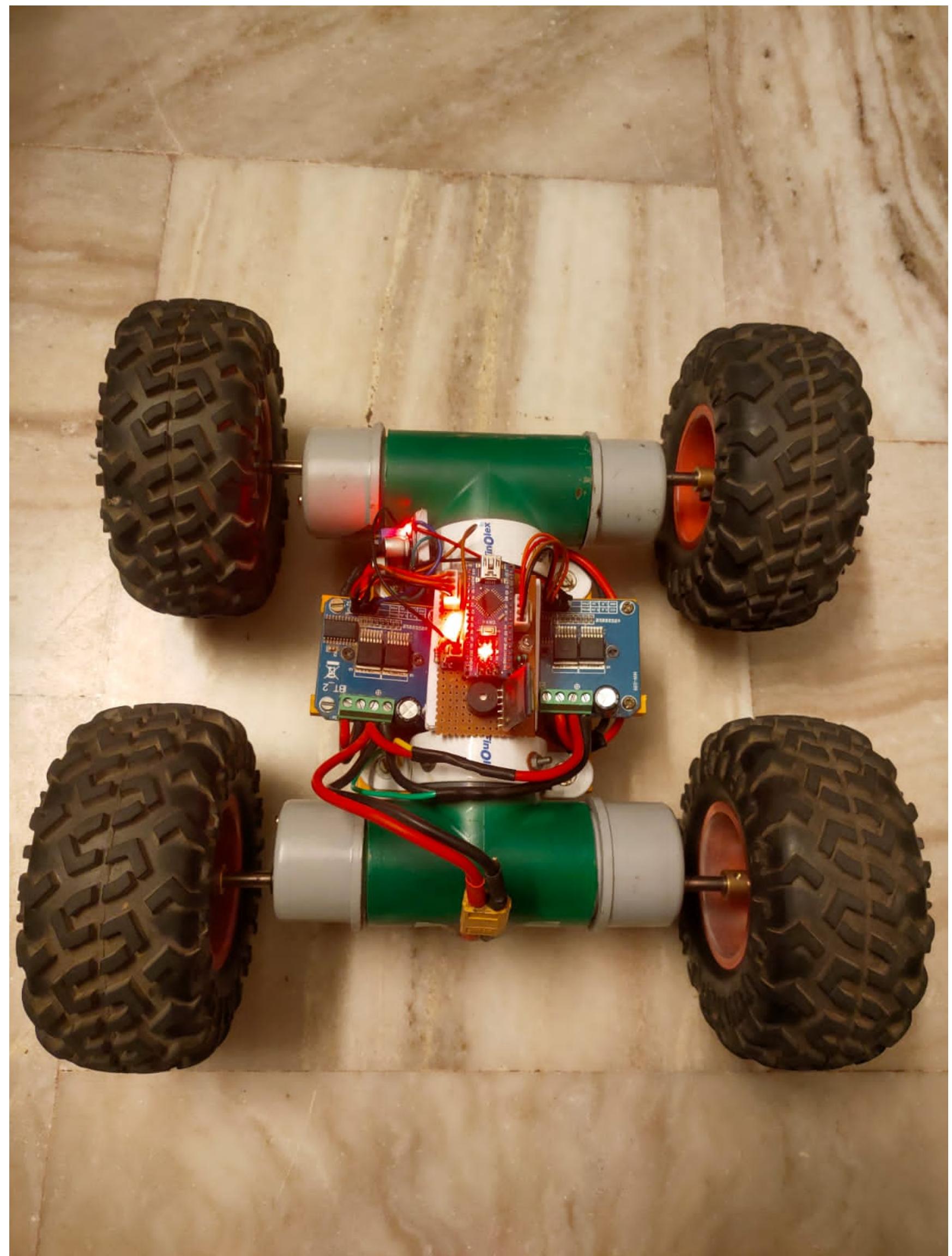
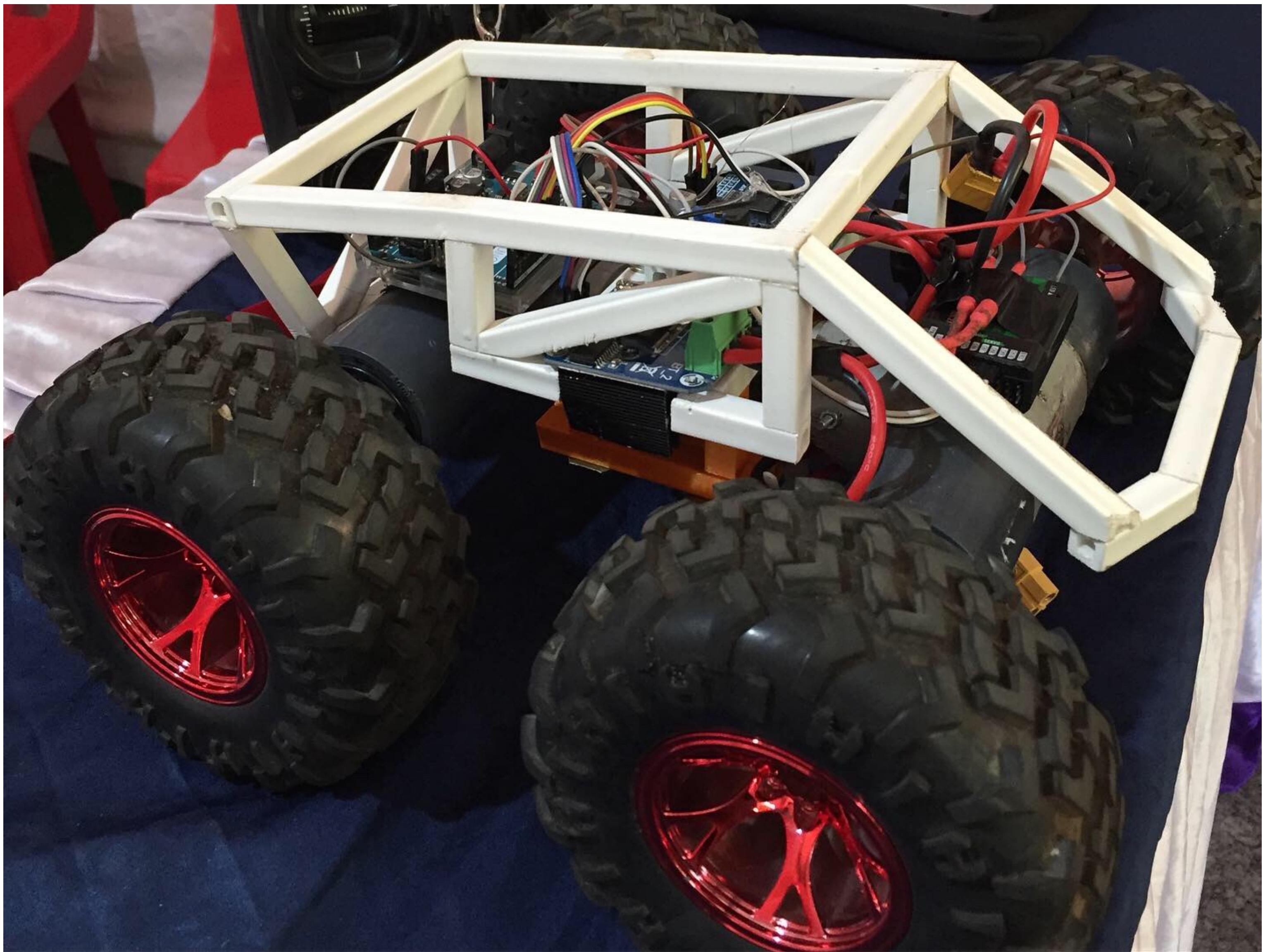
A little bit about myself

- Linux enthusiasts
- Robotics
- Vice Chairman CSI student chapter
- Embedded systems design and development
- Creator BTS7960 open source Arduino library
- Projects
 - i. 4 Wheel drive robot
 - ii. Buzzwire









How things are gonna be done

Roadmap

Beginner workshop

- Version Control System (VCS)
- Introduction to programming in C++
- Arduino APIs
- Leds
- Buzzers

Robotics Workshop

- Learning the BTS7960
- Making the prototyping board
- Finite State Machines
- Object oriented programming