

# Self-Driving Vehicular Project



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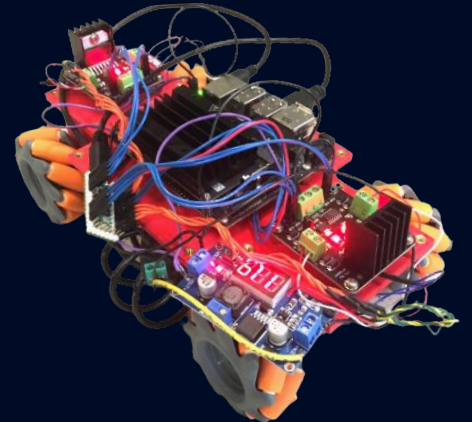
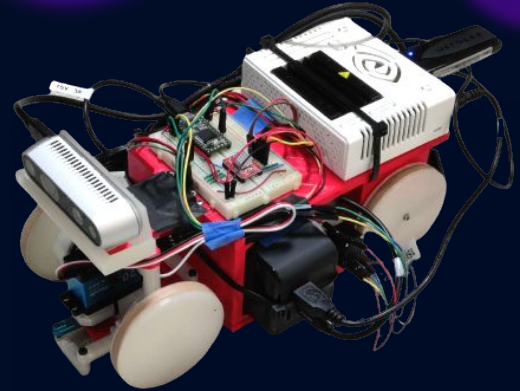


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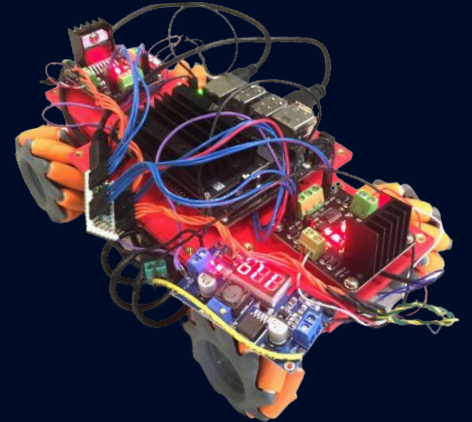
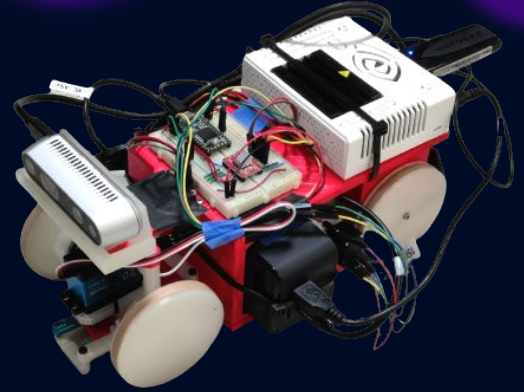
# Project Background

- RASCAL
- [Robotic Autonomous Scale Car for Adaptive Learning]
  
- SCAMP
- [Self-guided Computer Assisted Mecanum Pathfinder]



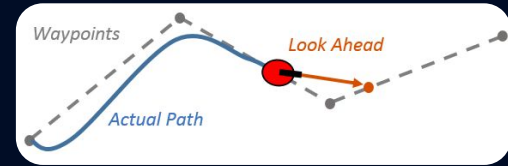
# End Goal

- Train and tune miniature vehicles to run autonomously in the smart city testbed
- The vehicles will react realistically based on the training algorithms designed



# What we worked on

- Car setup (SSH)
- Gitlab intro + setup
- Pure pursuit testing



# Goals for next Week

- Setup a cloud node to train deep learning for vehicular control
- Work on camera for self-driving algorithm and better odometry
- Possibly start work for preparing additional SCAMP/RASCAL

