Hardware Project:

Main Project: Design and Implement a Lane Following Controller that can follow curved lanes using Camera sensors.

Extra Credits

After you implement the main project, if you want you can earn extra credits (2.5% of overall grades) by implementing any of the following projects:

1. Pedestrian detection and slowing down the car
2. Stop sign detection and stop the car at the stop sign.
3. Speed control at the curve.

In addition to those extra credits, you can earn more extra points (up to 5% extra credits of overall grades), if you add a feature in your controller which can detect and park the car in the parking space.