

Objectives	Steps
1. Research & Practice	study and document the main event loop of the brain
	familiarize with the provided codebase and its components, understanding how they interact
	gain knowledge of the image processing techniques relevant to the project
	understand multithreading concepts
	(actively) participate in code discussions to enhance understanding
2. Basic movement	implement image processing techniques for lane detection
	develop methods for basic movement and lane keeping
3. Lane keeping	implement a system that enables the vehicle to stay within the detected lanes during movement
4. Basic object detection	implement a basic object detection system to identify obstacles and objects in the environment
5. Movement	develop an event planner for coordinating vehicle movements based on lane detection, object detection, and other sensory input