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A path follower robot is a robot which follows a certain path controlled by a feedback mechanism. This project consists of a robotic vehicle to follow a desired path. Such line follower robot is used in various workshops, factories and many more places, where unmanned vehicles are used to follow a specific path without using tracks.

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Introduction. The objective of this project was to design a mechatronics system that would include both mechanical and electrical components. With this in mind, the group decided to design and build a path following robot. However, to increase the project's complexity, the robot had to not only follow a straight path but also follow a curved path, navigate through an intersection, and correct its position in the

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Line Follower Robot - Engineers Garage

March 20, 2017 By Anusha 76 Comments. A Line Follower Robot, as the name suggests, is an automated guided vehicle, which follow a visual line embedded on the floor or ceiling. Usually, the visual line is the path in which the line follower robot goes and it will be a black line on a white surface but the other way (white line on a black surface) is also possible.

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The bulk of this project is in the software, so be ready to get your hands dirty with the code. The only library we will use is the Servo library built-in to the Arduino IDE. For a copy of the Follower Robot sketch, check out the GitHub repository. Now, let's go over how the code works.

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