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Raspberry Pi Computer Vision Programming - Second Edition

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Raspberry Pi Computer Vision Programming

In this project, the designers build a computer vision application to avoid obstacles on a wide path defined by black parallel lines. OpenCV and python for a line follower With a webcam, the OpenCV library, Python and a Raspberry Pi board, you can build a line follower robot using computer vision algorithms.

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We will use the Raspberry Pi 4B 4 GB and Raspberry Pi Zero W with header models for our computer vision examples. However, these examples can also be run on the other board models of Raspberry Pi. This is because all the software that we use (the OS, the programming language, and the OpenCV library) is fully backward compatible.

Raspberry Pi Computer Vision Programming - Second Edition

Raspberry Pi Computer Vision Programming - Second Edition. This is the code repository for Raspberry Pi Computer Vision Programming - Second Edition, published by Packt.. Design and implement computer vision applications with Raspberry Pi, OpenCV, and Python 3

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Six releases later, the Raspberry is no longer a simple DIY project but has grown mature. In many cases, it has sufficient performance to replace a PC with computer vision tasks. And with its I/O on board, interfacing with the real world become also effortless.

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