

Smart Retrieval Autonomous Car

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Problem Statement

① Manual Search and Retrieval

The process of locating items might be really time-consuming.

② High Costs

Large warehouses employ a significant number of workers.

③ Safety Risks

Working at heights and handling heavy objects increase the risk of injuries among workers.

Target Audience

Inventory Management

Warehouses and stores require efficient solutions for rapid item handling.

E-commerce

Logistics centers and online retailers face significant amounts of returns and supplies.

Recycling

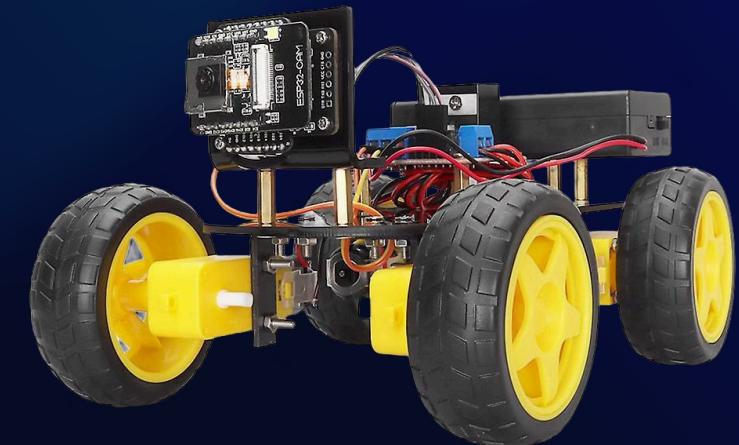
Recycling centers are required to handle and sort significant quantities of materials.

Education and Research

Laboratories and universities need to locate research tools and literature.

Our Solution

**WHAT IF YOU HAD A MACHINE THAT COULD DO
ALL OF IT FOR YOU?**



Key Features



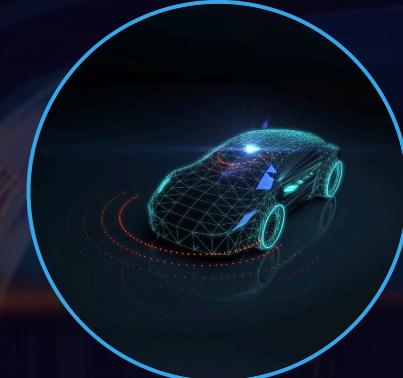
WiFi Remote Control

Interaction and control of the car via a remote user interface.



Object detection

Equipped with an ESP32 camera and visual recognition system.



Autonomous driving

Automatically drives to the designated item and transfers it to the correct location.



Product Demonstration

Watch

How it works?

User Interaction with UI



1

Command Reception

Object Searching



2



3

Response and Action

Comparison with Other Solutions



Single-function robots

perform a specific tasks only, limited flexibility.



Manual Solutions

Rely on human resource - less efficient, high costs.



Forklifts

Require a driver and substantial in size.



Made with Gamma

Final Overview



Versatile



Efficient



Cost-saving



Safety

