SMART BIN

Donald Heddesheimer

THE PROBLEM

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SMART
BIN

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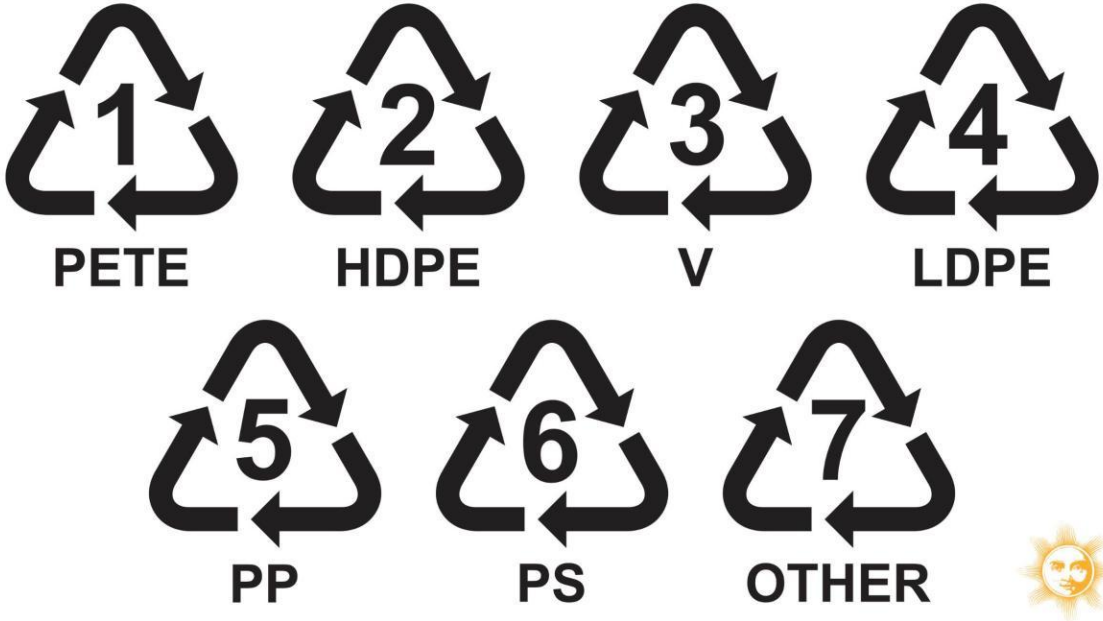


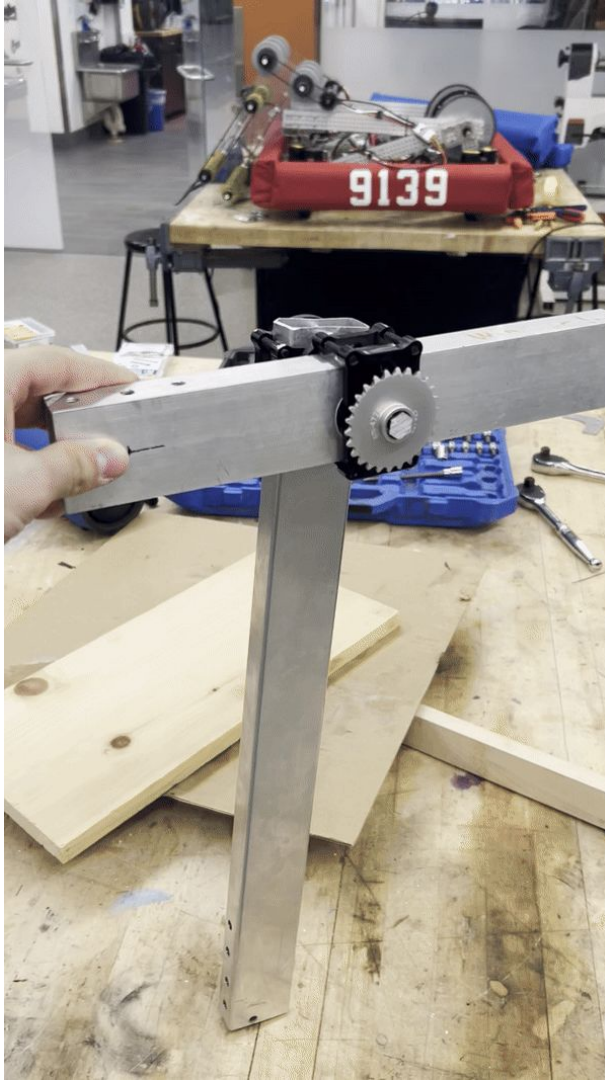
THE PROBLEM

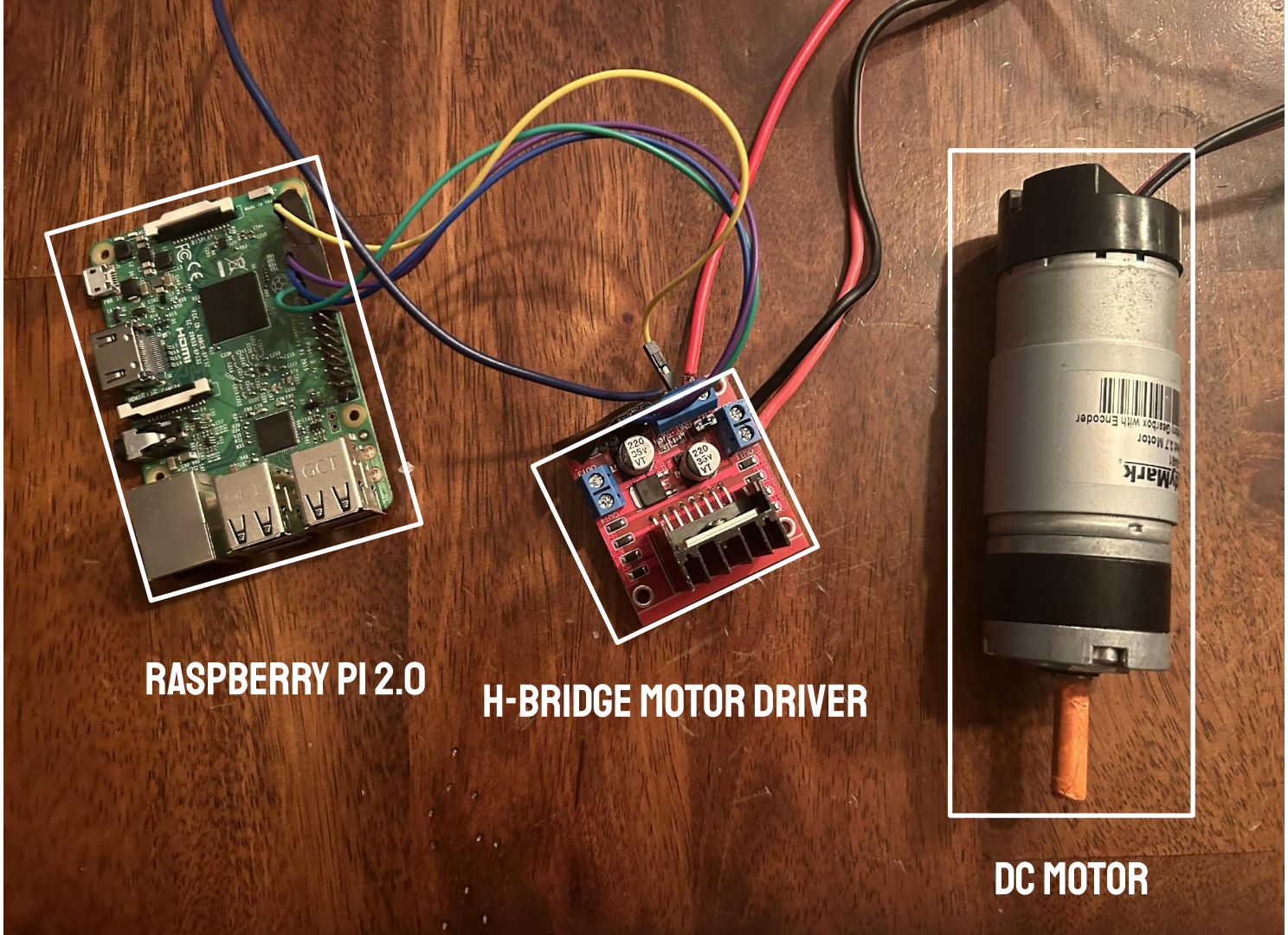
PET or PETE	HDPE	PVC or V	LDPE	PP	PS	Other
Polyethylene Terephthalate	High-Density Polyethylene	Polyvinyl Chloride	Low-Density Polyethylene	Polypropylene	Polystyrene	Other
Food Safe	Food Safe	Not Food Safe	Food Safe	Food Safe	Food Safe	Not Food Safe
Recyclable	Recyclable	Recyclable through specialized programs	Recyclable through specialized programs	Recyclable	Recyclable through specialized programs	Not easily recyclable
1 PET	2 HDPE	3 PVC	4 LDPE	5 PP	6 PS	7 OTHER

OUR SOLUTION

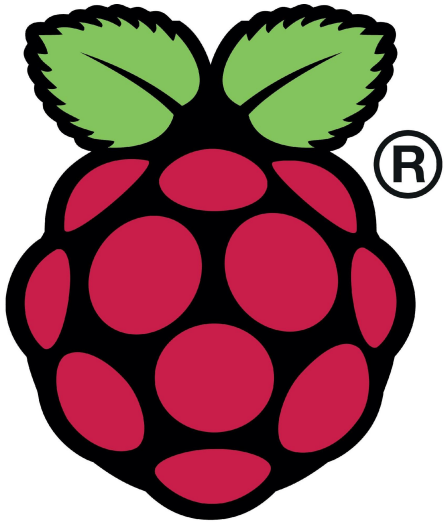
SMART
BIN

SMART BIN




RASPBERRY PI 2.0
H-BRIDGE MOTOR DRIVER
DC MOTOR

SOFTWARE

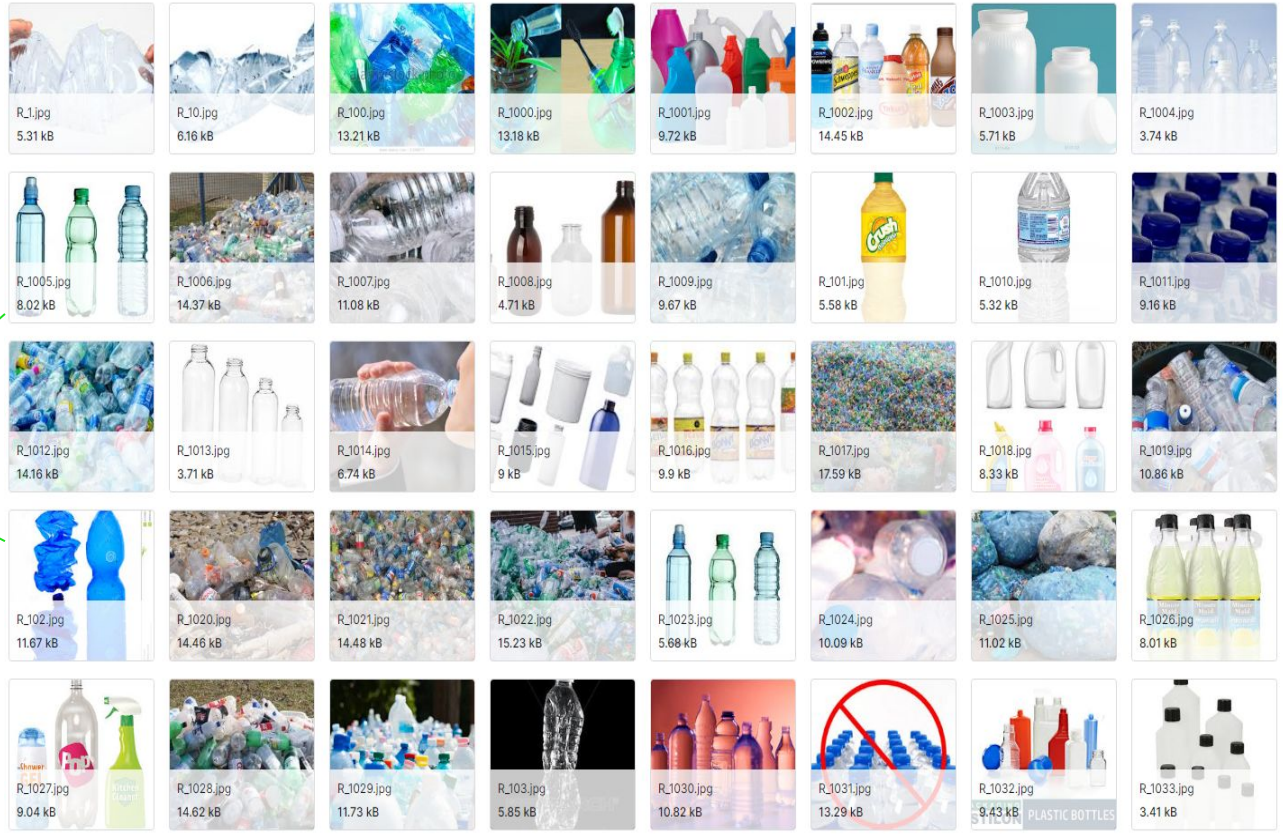


Raspberry Pi

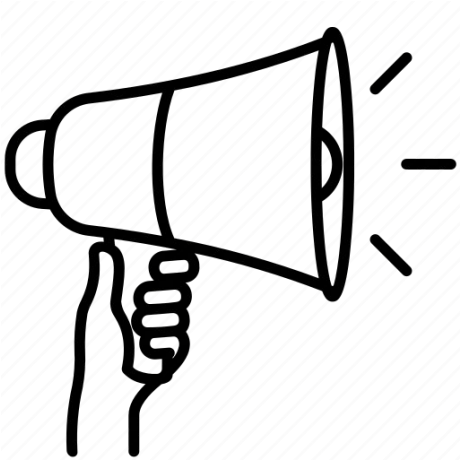
roboflow

TensorFlow

MODEL TRAINING



OUR ADVANTAGES

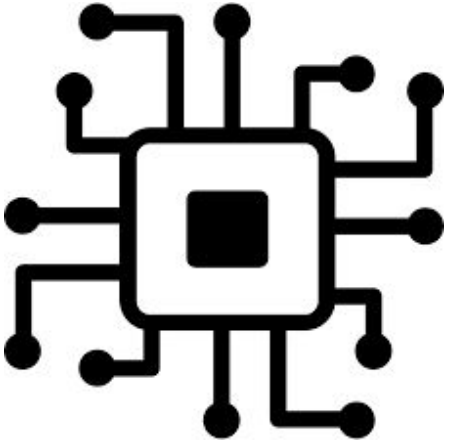


SPREAD THE WORD

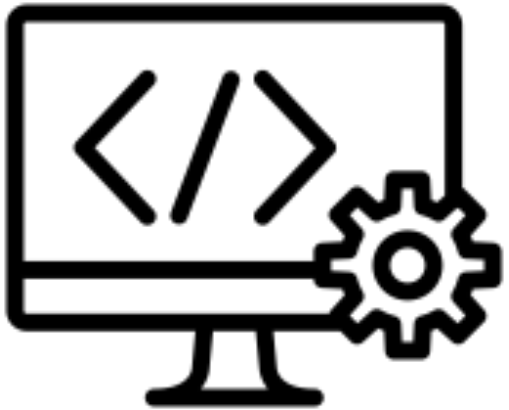
CUSTOM SOFTWARE

BUILT FROM RECYCLED PARTS

FUTURE ADDITIONS



IMPROVE OVERALL TECH



MORE DATA -> BETTER MODEL

THANK YOU

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