Arduino Vs Raspberry pi:

Arduino and Raspberry archivo of the most popular single-board computers. Both have their own strengths and weaknesses and a choosing between the two depends on the specifics requirements of aproject

## Arduino

D'Ardnino Uno is a microcontroller board that was designed to provide a sample of excessible platform, for beginners to Learn Electronics and programming.

simplified version of the KCN.

For simple projects that require basic control.

## Rospberry Pi

on the other hand, is a small and inexpensive single board computer that runs a full operating—
system, such as Rasp bian, which is based on Linux

Munlike Ardmins: Raspberry has a more powerfull processor more memory, and a greater number of (1/0) plass make it ideal for complex projects that requires higher processing power and contractivity

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Microcontroller different:
Ardnino Uses a microcontroller that dosined to be simple
and easy to use whit a United (110)
Rospberry use a powerful System-on-a-chip (SOE)
Operating system
MArduins has a simplified software environment  Known as (IDE) Arduins integrated Development Emission  IDE is based on simplified verson of C programming lang  Rospherry on other hands runs a full operating system  Such as Link X; Raspherry can Run multiple applications  and services simultaneously
Processor and clock speed
Arduino uses an AVR microcontroller of a Clock -  speed of 16 MHz formost boards.  Raspberry for Pi4 uses ARM cortex-72 with Clock-  speed of 1.5 GHz and for other models 1.2 GHz
Ram  Ardeino boards have Limited memory, 2-8 KB oRam  Rospherry depended on board have, 18B-512 MB-256 MB

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**CS** CamScanner

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Ofluxeal: arduino vs Raspberry Pi Comparison

Scolar: Raspberry Pi and arduino boards in control

Education. Jaroslav Sobota

