**Arduino vs. Raspberry Pi**

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| Arduino | Raspberry Pi |
| * Microcontroller | * Mini computer that has its own OS |
| * Needs a computer to change code or add any information | * Independent of computers |
| * Can only run the same code multiple times | * Can edit code and add data anywhere (would need a mouse and keyboard) |
| * Can be powered by a battery or an outlet | * Only powered by an outlet |
| * Libraries and IDE need to be downloaded to the local computer in order to edit | * Libraries can be downloaded into the RPi |
| * On board storage | * Needs SD card to store |
| * Can continuously run if the power is connected and can automatically turn off by unplugging | * Needs proper shutdown |
| * Uses C/C++ | * Uses C/C++, Python |
| <https://www.sparkfun.com/products/11021> |  |