

# Arduino

HAB Computer Controller



# University of California at Riverside - Instructor, Software Engineering



# Arduino Board



# Payload Box



# Interfaces

We connect things together via interfaces. This may be connecting two Arduinos together; or, connecting an Arduino to a Sensor.

- Serial (TTL)
- I2C
- SPI

# Ozone (O<sub>3</sub>) Sensor



# Power

We use lower voltages for sharing information and data; higher voltages is used for turning motors in robotics.

- 12 Volts
- 9 Volts
- 5 Volts
- 3 Volts

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