

Arduino Weather Station

The Raspberry pi will have a web application and a database to display and store information

A standalone station that will collect data and send it to the website.

To be collected and analyzed is: Temperature, Humidity, Barometric Pressure, and rainfall.

Arduino

- Ordered Sensors and Arduino mega
- This will allow for enough sensors to be attached
- Arduino will be put outside and hooked up to wifi.

Research

- Learn Languages
- Researching the communication protocols for arduino and pi

Difficulties

- Setting up communication between devices
- Learning and coding on the fly

References

- Arduino Website
- CodeAcademy - To learn python
- CodeAcademy - To learn HTML