Weather Stations with Raspberry Pi

Team Members:

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Electronic Materials:

2 Raspberry Pi B

2 Raspberry Pi Sense HAT

2 Raspberry Pi Zebra Cases

Other Technologies:

Amazon Web Services

Project Construction:

The goal of this project is two create two different weather stations with Raspberry Pi and the Raspberry Pi Sense HAT. Each of these stations will record local weather data such as temperature, pressure, and humidity. They will be placed apart from one another, one at Thomas’ apartment the other at James’. From these two locations, they will upload their data to a MySQL database hosted on an Amazon EC2 instance, and this data will be displayed via a website hosted on the EC2 instance.