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Professor Moscon

Assignment: Adding a Temperature and Humidity Sensor

Setting up the temperature and humidity sensor wasn’t too difficult, though I was a little nervous handling such a small and delicate component. I didn’t want to break anything while plugging it into the QWIIC cable, so I took my time. At first, I actually tried plugging it in the wrong way, but after taking a closer look, I realized it was upside down. Once I flipped it, everything fit correctly. The sensor has two ports, so I also made sure I was using the same one as the reference photo in the lab guide to maintain consistency with the instructions.

After getting the hardware set up, I focused on making sure the LCD screen displayed everything it was supposed to. I went through the checklist one step at a time, confirming that the temperature and humidity readings appeared on the same line, the button successfully toggled the temperature between Fahrenheit and Celsius, the humidity displayed as a percentage, and the date and time were positioned correctly on the other line. Everything seemed to be working exactly as expected, and I even compared my screen to the sample image in the lab guide just to be sure.   
 At this point, I don’t think I need any extra help as the sensor is working, the display looks good, and everything matches the requirements.

