Very simple MicroPython demo:

```
# ghmicro.com
# AHT21B temperature/humidity sensor - 1.3" OLED display

import time
from machine import I2C, Pin
import sh1106

i2c = machine.I2C(1,freq=400000)
display = sh1106.SH1106_I2C(128,64,i2c)

tri = bytearray(3)
six = bytearray(6)

def write3(one,two,three):
    tri[0] = one
    tri[1] = two
    tri[2] = three
    i2c.writeto(0x38,tri)

while 1:
    write3(0xac,0x33,0x00)       #trigger measurement
    pyb.delay(80)                #wait for measurement
    #should check status here, but delay is long enough
    six = i2c.readfrom(0x38,6)   #read 6 bytes of measurement

    display.fill(0)              #clear framebuffer

    #convert temperature
    i = ((six[3] & 0x0f) << 16) | (six[4] << 8) | six[5]
    temperature_c = ((i / 1048576) * 200) - 50
    temperature_f = ((temperature_c * 9) / 5) + 32
    display.text(str(temperature_f) + "F", 0, 0, 1) #print temp to framebuffer

    #convert humidity
    i = ((six[1] << 16) | (six[2] << 8) | six[3]) >> 4
    humidity = (i / 1048576) * 100
    display.text(str(humidity) + "%",0,15,1)        #print humidity to
framebuffer
    display.show()                                  #write framebuffer to screen

    pyb.delay(2000)              #wait 2 seconds and go again
```