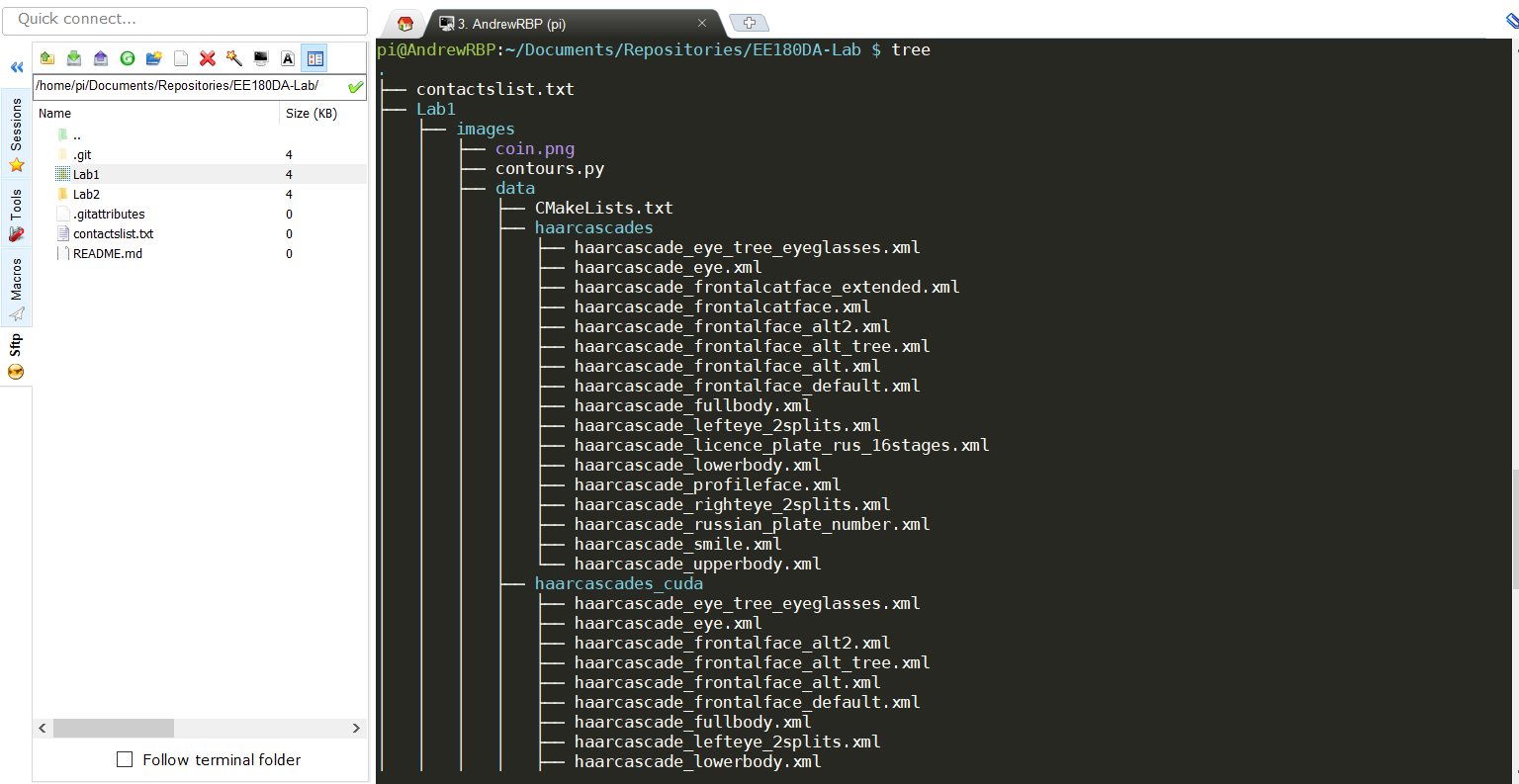
Issues experienced during the lab:

Originally, I was experiencing issues connecting to my RBP Zero W over Serial SSH. I wasn’t really able to do this until I was able to connect to it over wi-fi at home by supplying it my router’s SSID and password. That fixed my connection problem and I was able to install the other modules associated with this lab.

Additionally, open-cv had to be installed using sudo apt install instead of pip install, since the RBP Zero W has an architecture (ARMv6 I believe?) that pip does not have a wheel for. Doing sudo apt install installed a binary, which means no 9-hour long compile times which worked great.

Also, my OTG USB Hub for the RBP Zero W didn’t come in until Thursday, 10/10.

1. I git cloned my repo onto my raspberry pi. A ‘tree’ command resulted in the following output:



1. Here is a simple python script that prints to the terminal of the console. The implementation is very simple, it simply checks if python is running this file as \_\_main\_\_ and prints to the console this:



1. I modified the face-tracker implemented in my first lab to save the image to a file instead of using OpenCV to display to a GUI. Now it saves the file, and I can extract it using my SFTP client. For this, I’m using MobaXTerm on windows. On my computer, this face-tracker worked perfectly and saved to a file.



Getting this to work on my RBP, however, I ran into the following problem: