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Week 1 Lab Report

For this week, we worked on setting up a Raspberry Pi for wired and wireless connection, running it in headless mode. I primarily used WinSCP and PuTTY for data transfer and SSH communication respectively. Surprisingly, I had no issues with the wpa\_supplicant.conf file(s) and I was able to connect to my WiFi network at home with relative ease. However, I started having trouble running last weeks circle detection python script from my Raspberry Pi, which I tried to do because it already was built to take a picture from a webcam and save it. Instead of figuring out while it didn’t work, I thought it was easier to just write up a simple capture script instead. Trying to take a picture from the Raspberry Pi outputted an error message saying the image was corrupted, but when opened on my computer instead of the Pi, the image turned out just fine. Overall, I did not run into many other issues with this project and I was able to complete it rather smoothly.