Sources:

These two sites are where I figured out how to read the SNEScontroller data.

<https://bit.ly/2FhWb53>

<https://bit.ly/2UBmQPK>

This is where I found the pinout for the SNES controller.

<https://bit.ly/2THi3zz>

This is where I found the code for reading the SNES controller. I did not use the code exactly but used it as reference to map out the data coming from the controller so that I can read the inputs and assign values for me to read.

<https://bit.ly/2CpwIor>

This is where I found information on how to setup the ArduinoUno and RGB led matrix.

<https://bit.ly/2TbGoIL>

This is where I found example code for using the Adafruit library for their RGB led matrix.

<https://bit.ly/2TPR989>