Jack Lin

Nikhil Patel

Josh Olick-Gibson ­

11/3/17

Week 8 Report

On Sunday 10/29, we had a team meeting where we discussed assignments from our last meeting. The goal was to complete tables of potential options of each piece of the process. Nikhil presented his table on signals and machine learning algorithms. Jack presented his table on transducers and methods of sending to the receiver. Josh presented his table on microcontrollers. We also talked to Dr. Klaesner on Monday 10/30 about the process behind an IRB and found out that for Wash U students that the fee for the IRB is waived. We met with our client on Wed, 11/1 and discussed about the data we could receive. It was confirmed that we were able to receive data from generalized tonic seizures from a 2 channel EKG as well as surface EMG data for real time. On Thursday, we talked to Professor Widder about downloading a software on her lab computers as well as more information about raspberry Pi and Arduino.