What can I demo?

**Data Acquisition System**

Acquisition of internally generated test signal, sent over Bluetooth or Serial (Arduino and ADC get 7.5V, HC05 gets 5V)

Acquisition of externally generated test signal, sent over Bluetooth or Serial

Need a 5V regulator and 9V battery to demo EEG over Bluetooth

**Classification and Control System**

Receiving Model over Serial (Bluetooth?)

Receiving Data over Bluetooth from pre-record

Calculating DCT over Serial (Bluetooth?)

Classifying Data over Serial (Bluetooth?)

Using PWM to control arm from classified data