Materials List:

Microcontroller →  <https://www.adafruit.com/product/659>

Bluetooth Module →  <https://www.adafruit.com/product/2487>

Flex Sensor →  <https://www.adafruit.com/product/182>

Square Pressure Sensor →  <https://www.adafruit.com/product/1075>

Circular Pressure Sensor →  <https://www.adafruit.com/product/166>

Battery -> <https://www.adafruit.com/product/258>

Conductive thread -> <https://www.adafruit.com/product/640>

Micro USB cable -> [Here!!!](https://www.amazon.com/Micro-Cable-Android-Charger-Super-Durable/dp/B01GFB1SLC/ref=sr_1_1_sspa?crid=2A8Q9HHFP602G&keywords=micro+usb+cable&qid=1554151935&s=gateway&sprefix=micro+usb+%2Caps%2C158&sr=8-1-spons&psc=1)

Tube Socks -> [Here!](https://www.amazon.com/Wigwam-Super-3-Pack-Over-Length/dp/B000TAADTO/ref=sr_1_25?keywords=tube+socks&qid=1554155678&s=gateway&sr=8-25)

Insulation for wires - fabric paint, fabric glue, adding another layer of fabric…

Resources:

[Arduino tutorial](https://learn.adafruit.com/lesson-0-getting-started/overview)

[Flex Sensor Hookup Guide](https://learn.sparkfun.com/tutorials/flex-sensor-hookup-guide/all)

[Serial to MIDI](https://www.instructables.com/id/Arduino-Sensors-and-MIDI/)

[MIDI USB](https://www.arduino.cc/en/Tutorial/MidiDevice)

[send MIDI notes via USB (code)](https://github.com/arduino-libraries/MIDIUSB/blob/master/examples/MIDIUSB_write/MIDIUSB_write.ino)

[Getting usb midi into Ableton](https://forum.ableton.com/viewtopic.php?t=227044)

[More on Ableton inputs](https://help.ableton.com/hc/en-us/articles/209774205-Live-s-MIDI-Ports-Explained)

[MIDI Virtual Bus](https://help.ableton.com/hc/en-us/articles/209774225-Using-virtual-MIDI-buses)

[Bluefruit LE desktop driver](https://github.com/adafruit/adafruit-bluefruit-le-desktop)

Circuit diagram: