

# KLM Meeting

September 15

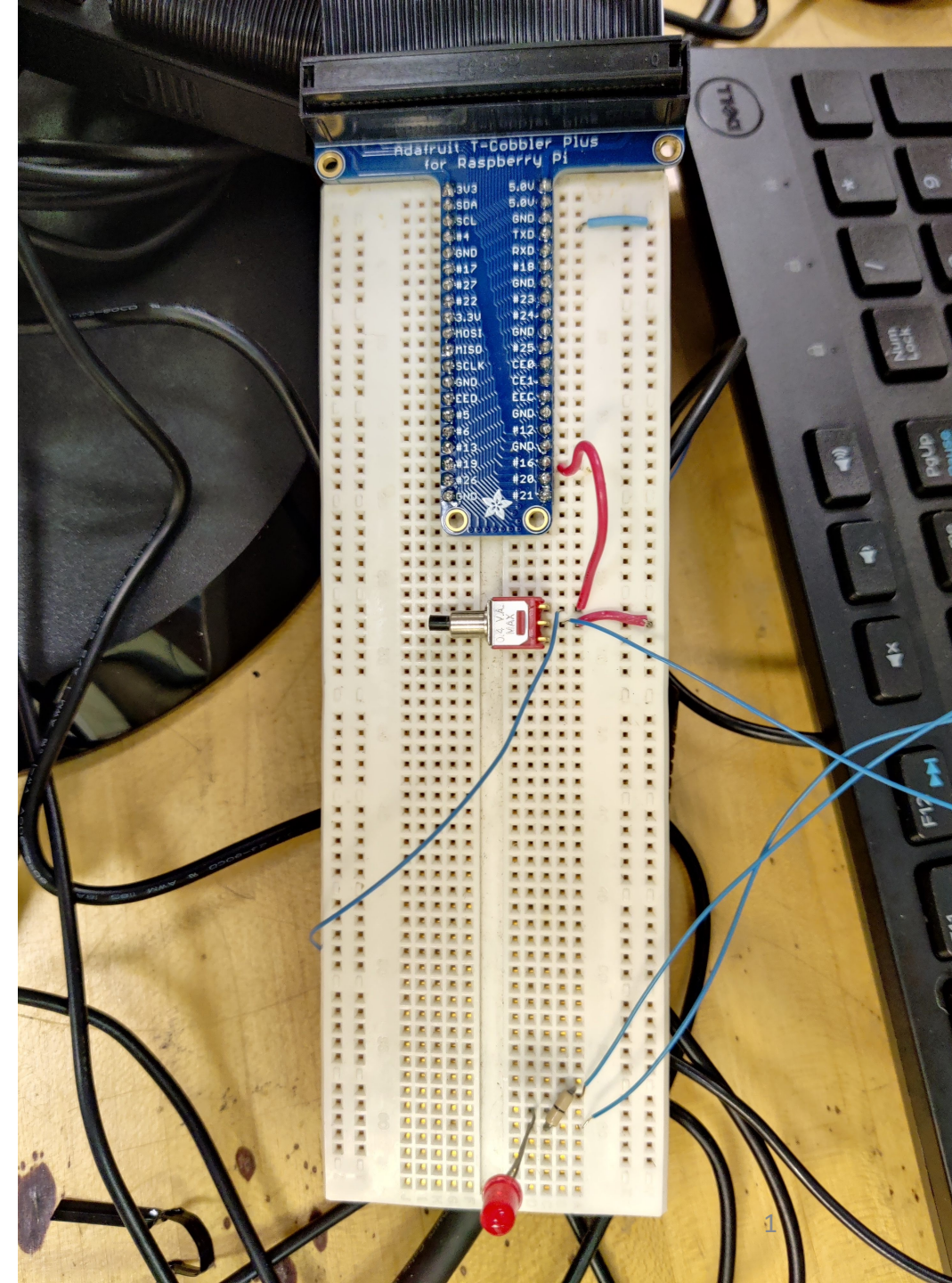
Noah Brenny

# Raspberry Pi Update

- Used tutorial to setup a rising interrupt using GPIO
- Basic circuit with a switch
- Each time the switch is pressed, the Pi can see the corresponding rising edge of the voltage waveform and increments a counter
- Does not use ADC

```
Hi, Python 3.9.2 (/usr/bin/python3)
One >>> %Run gpio.py
cha Button has been released
oth Button has been released
SNI

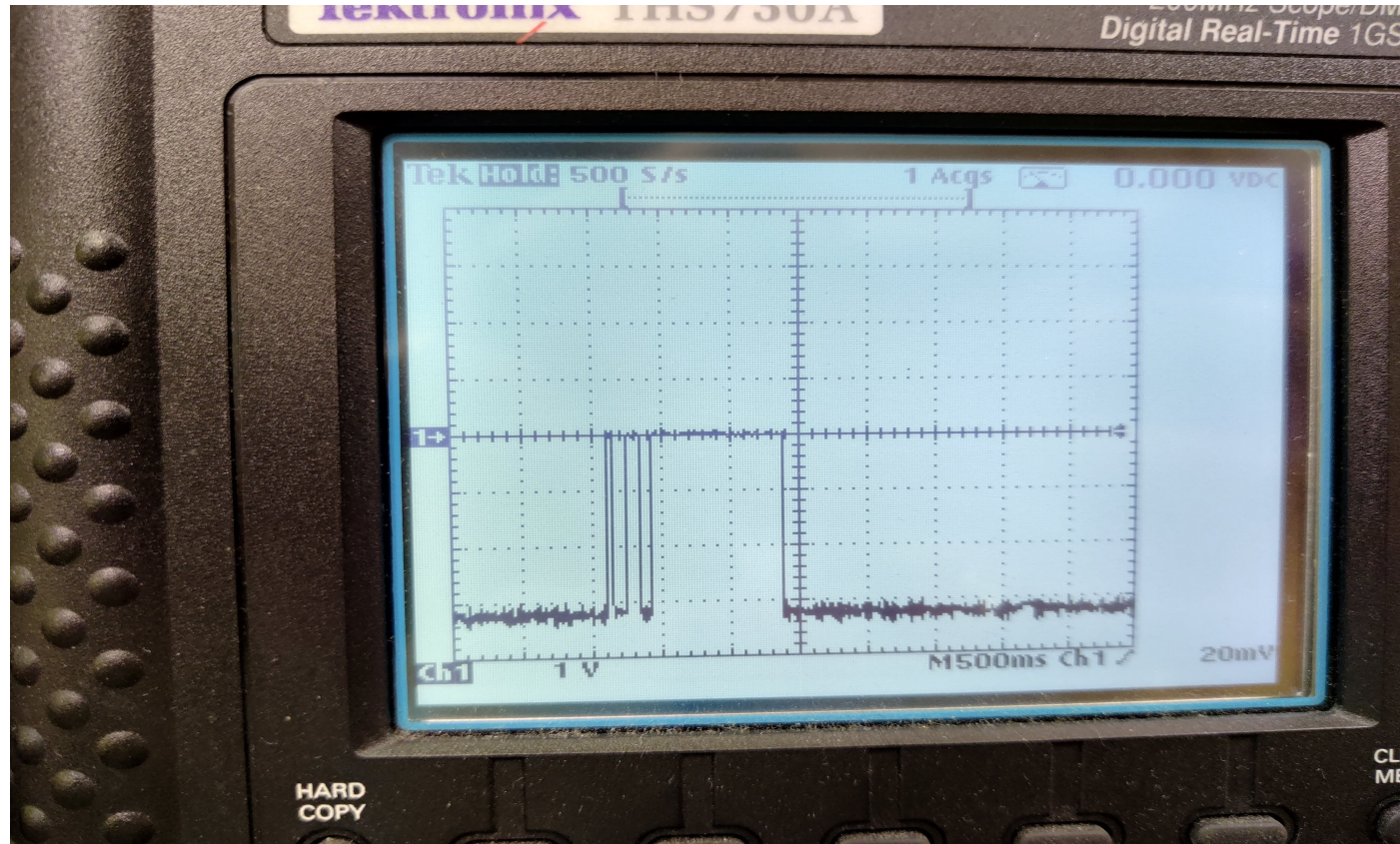
GP Python 3.9.2 (/usr/bin/python3)
---- >>> %Run gpio.py
EBI Button has been released
EBI Button has been released
EBI Button has been released
EBI Button has been released
EBI
EBI
```





# Raspberry Pi Next Steps

- Switch gives some phantom pulses:
  - Use function generator to see if these miscounts are resolved with a smoother waveform



# Raspberry Pi Next Steps

- Switch gives some phantom pulses:
  - Use function generator to see if these miscounts are resolved with a smoother waveform
- Add support for multiple pins
- Plan how to write this information

