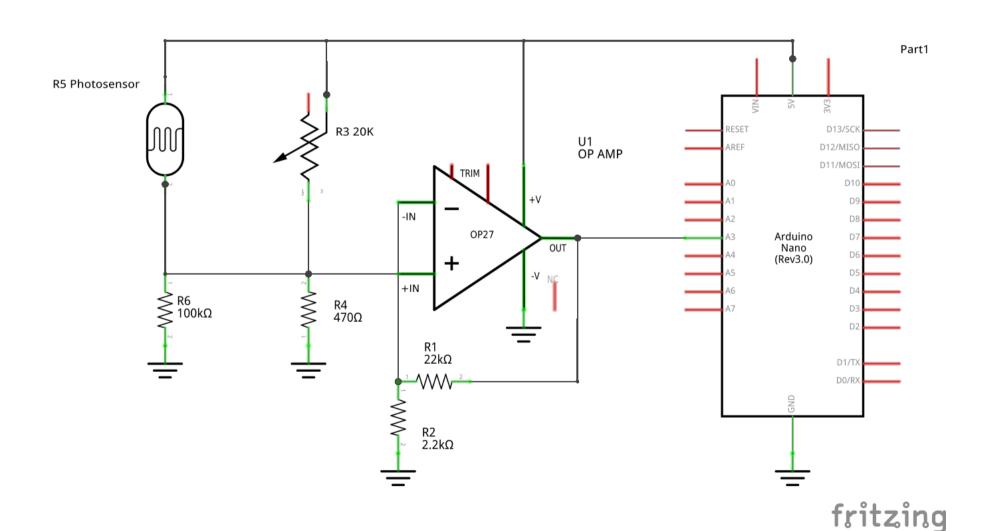# Amplify Sensor Signal

Rob Vermillion

Arduino

- https://www.arduino.cc/

- "Software"

- "Download the Arduino IDE"

- "Linux ARM"

- Open a Terminal

- `$ cd ~/Downloads`

- `$ tar Jxf arduino-1.8.3-linuxarm.tar.xz`

- `$ cd arduino-1.8.3-linuxarm`

- `$ ./install.sh`

- Start the Arduino IDE, set Board (Nano) and Port (usually USB)

Op Amp Circuit

Processing

- https://processing.org/download/
- Select "Linux ARMv6hf" version
- $ cd ~/Downloads
- $ tar -zxf processing-3.3.*-linux-armv6hf.tgz
- $ cd processing-3.3.*
- $ ./install.sh
- $ ./processing
- Set board and port, etc.