Setting up the firmware

1. Download Arduino IDE (https://www.arduino.cc/en/main/software) and set it up.
2. Download the control sketch from (https://github.com/cymourad/diy-ventilator/blob/master/fw/control/generic_control_sketch/generic_control_sketch.ino).
3. Open the downloaded sketch with the Arduino IDE.
4. Connect to the Arduino to your computer via USB.
5. Click on the verify button at the top right.
6. Click on the upload file at the top right.

** If you never used an Arduino before, this tutorial will explain this process with pictures (https://www.arduino.cc/en/Guide/ArduinoUno).