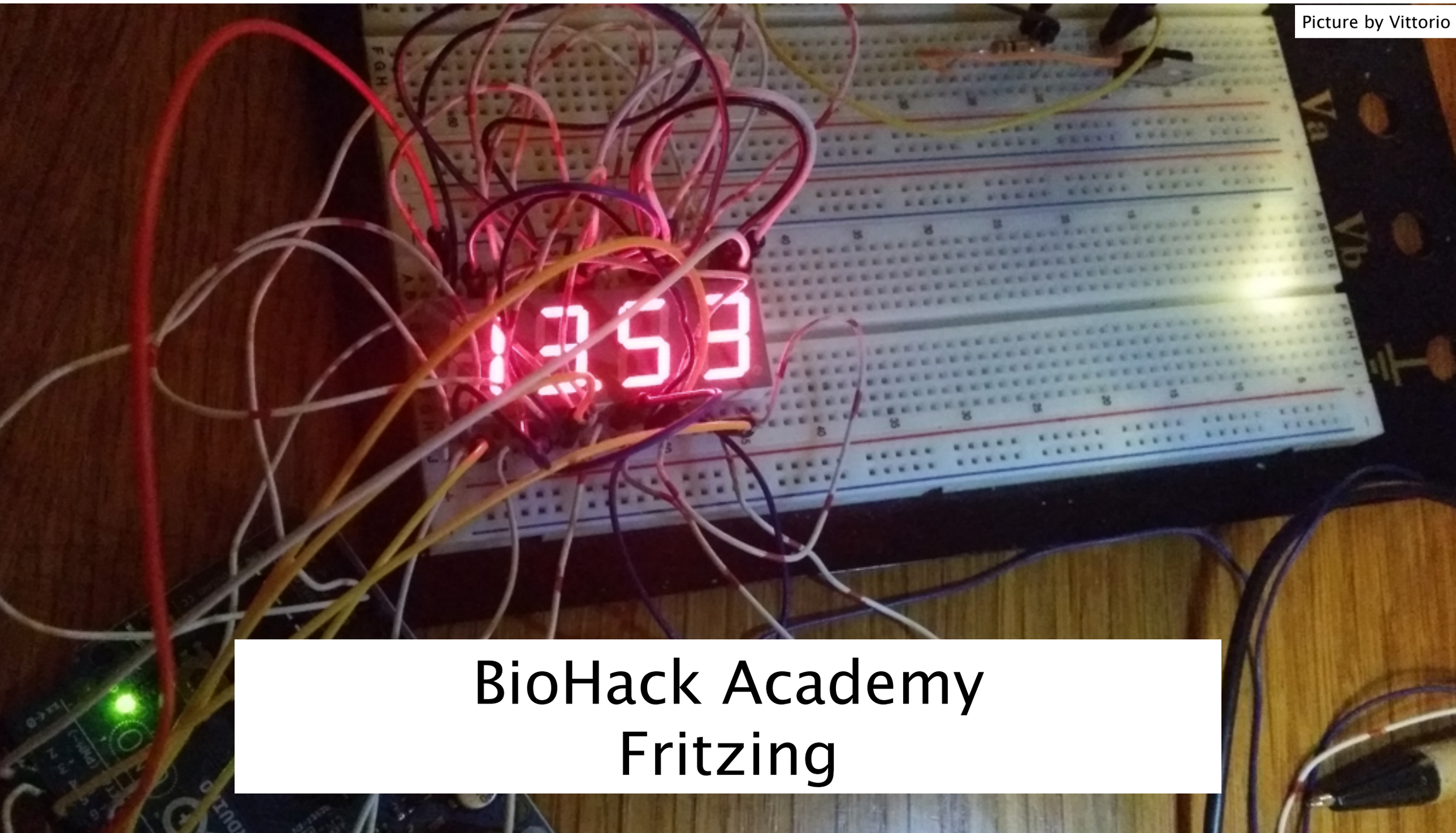
waag society

institute for art, science and technology

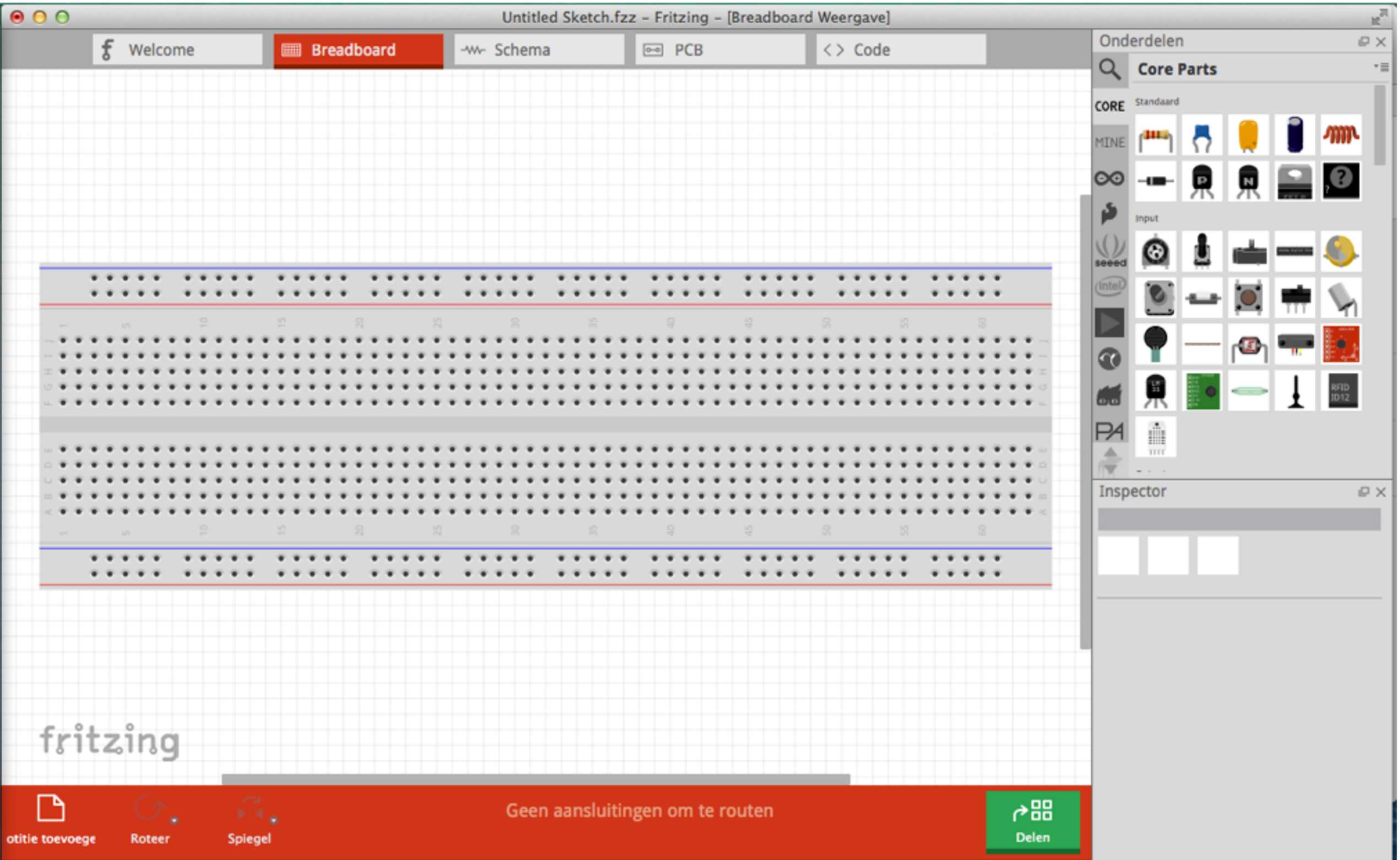


BioHack Academy
Fritzing

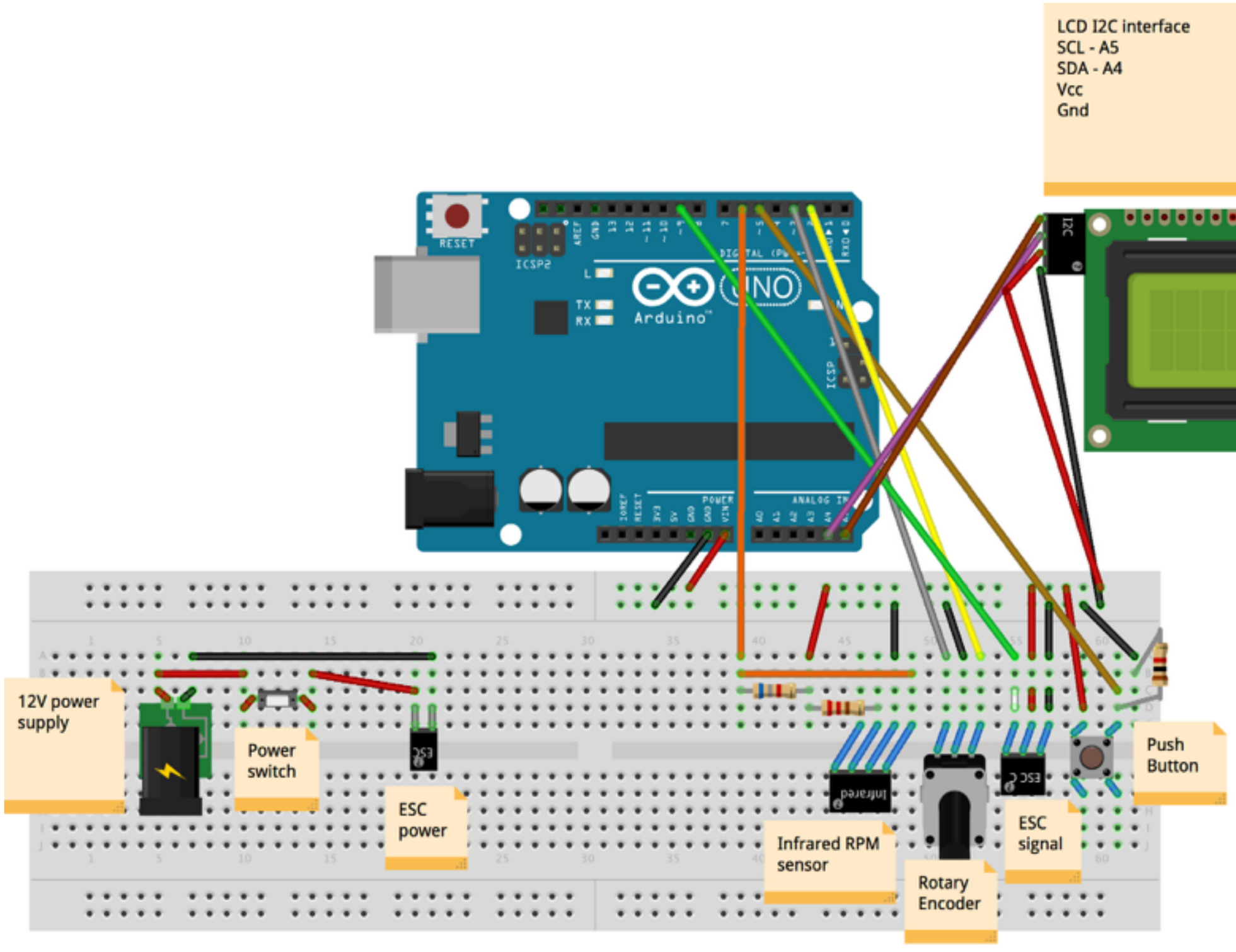
Fritzing

- Open Source
- Developed in Potsdam
- Made for artists
- Images published under CC-BY-SA
- Platform independent

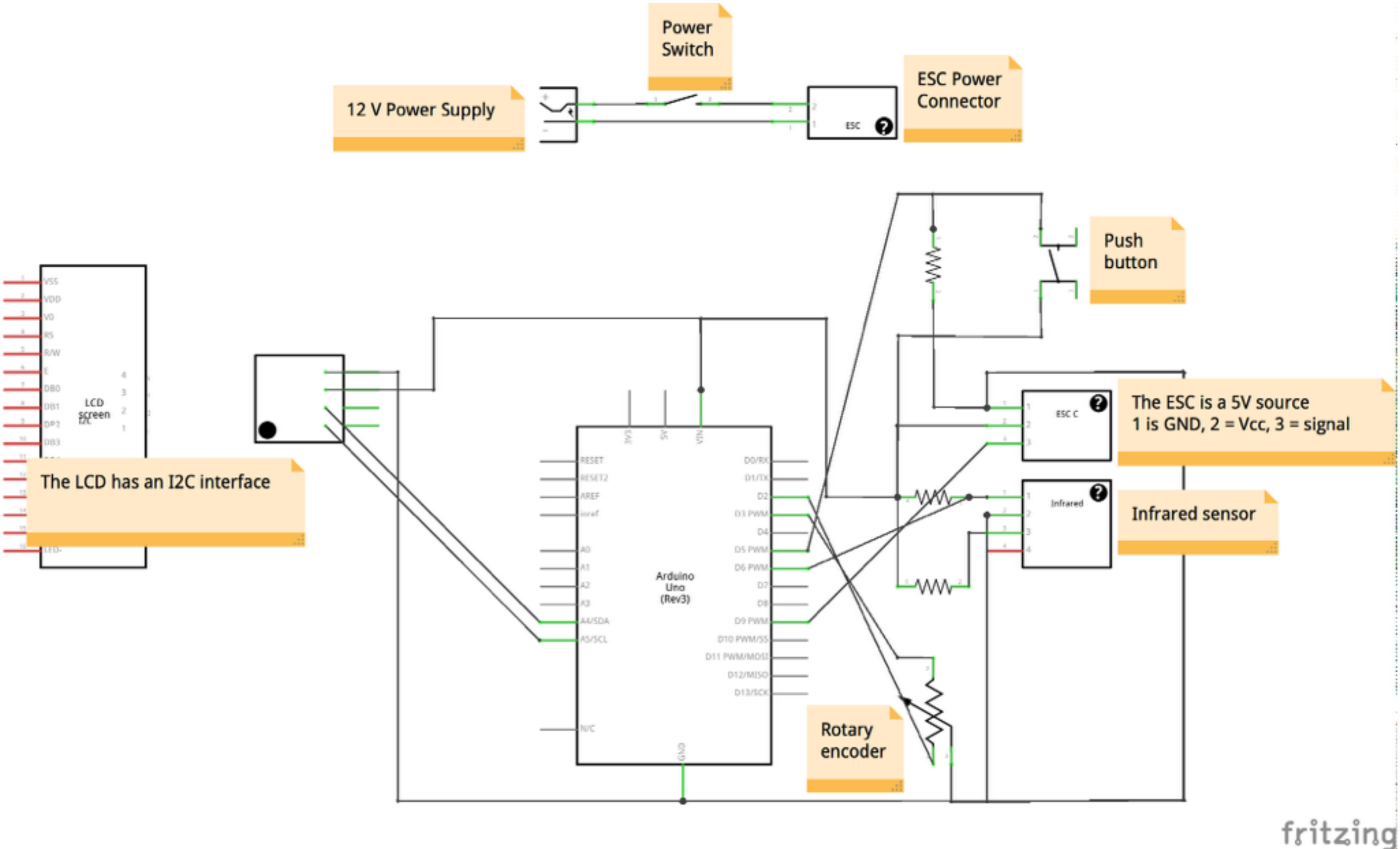
Interface


Untitled Sketch.fzz – Fritzing – [Breadboard Weergave]
Welcome
Breadboard
Schema
PCB
Code
Onderdelen
Core Parts
CORE
MINE
seeed
intel
Standaard
Input
Inspector
fritzing
otitie toevoege
Roteer
Spiegel
Geen aansluitingen om te routen
Delen

Wiring


LCD I2C interface
SCL - A5
SDA - A4
Vcc
Gnd
12V power supply
Power switch
ESC power
Infrared RPM sensor
Rotary Encoder
ESC signal
Push Button

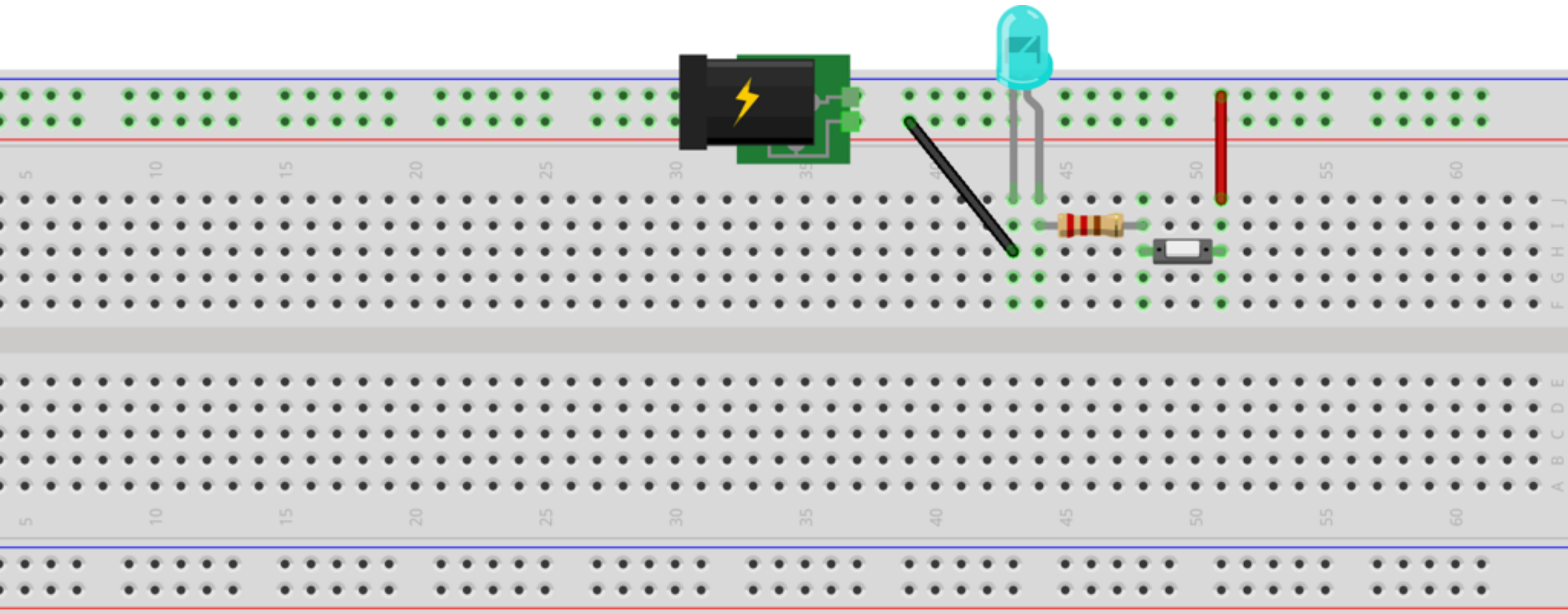
Circuit scheme



Components of a bioreactor

- Temperature sensor
- Heater
- pH sensor
- Stirrer
- Substrate pump
- Acid / Base pump
- Optical sensor
- Gas sensor
- Light sensor / switch

Let’s make a simple sketch



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