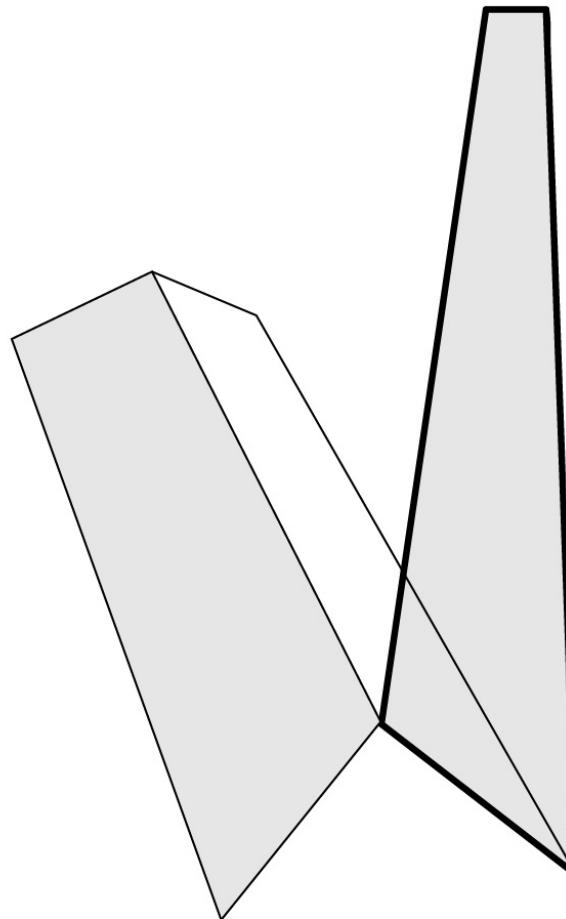
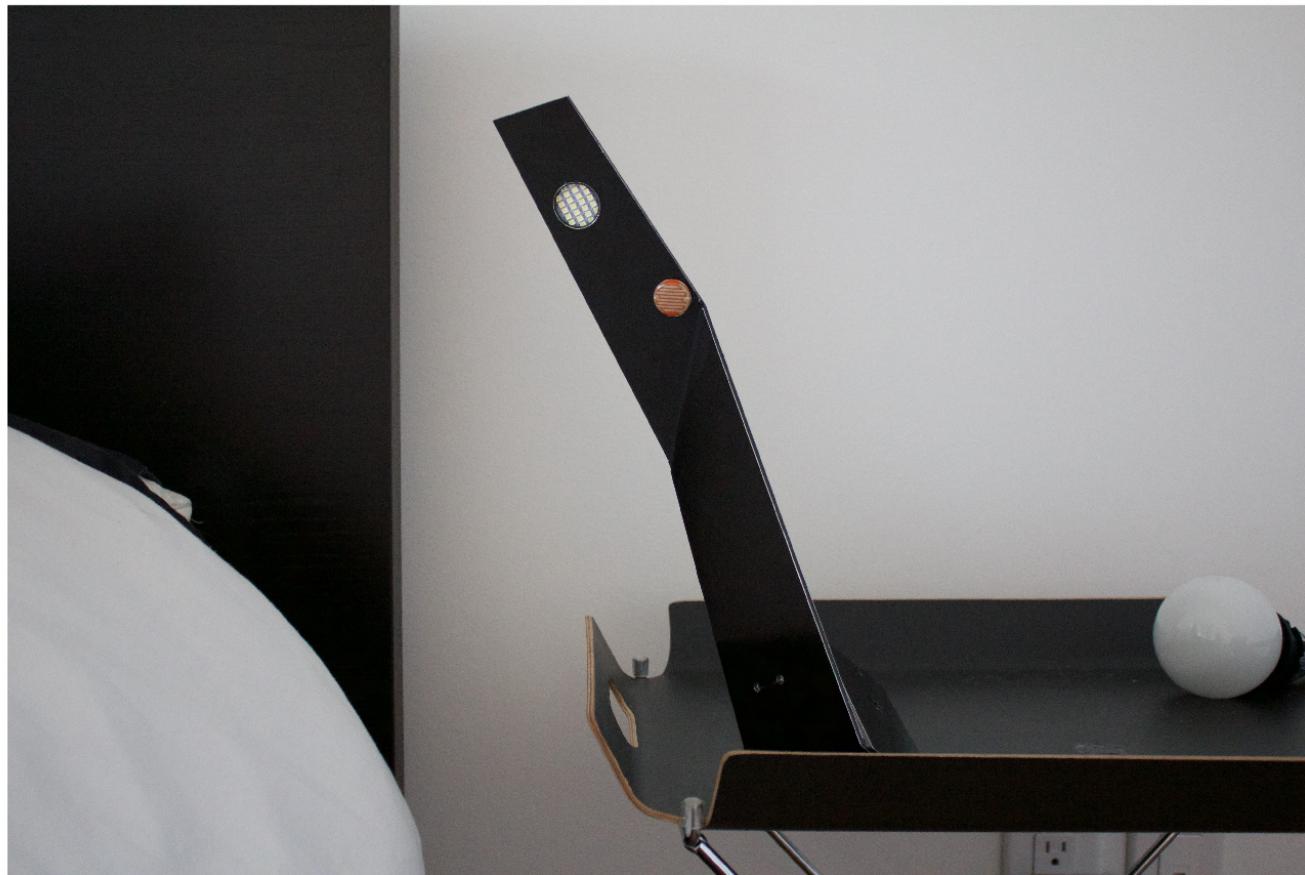


JELO LAMP

Sam Wing
DESN211 - Critical Making





Jelo Lamp is an object that sheds light on our irresistible connection to technology. It is bedside table lamp that competes with the attention of your cellphone, tablet, laptop etc. in your time spent in bed prior to falling asleep.

Its function is relatively simple, using an Arduino UNO, a sensor is constantly measuring the amount of light nearby. This sensor takes in information as an INPUT. If the sensor detects a spike in brightness higher than its current average, it turns on the lamp's bright LED.

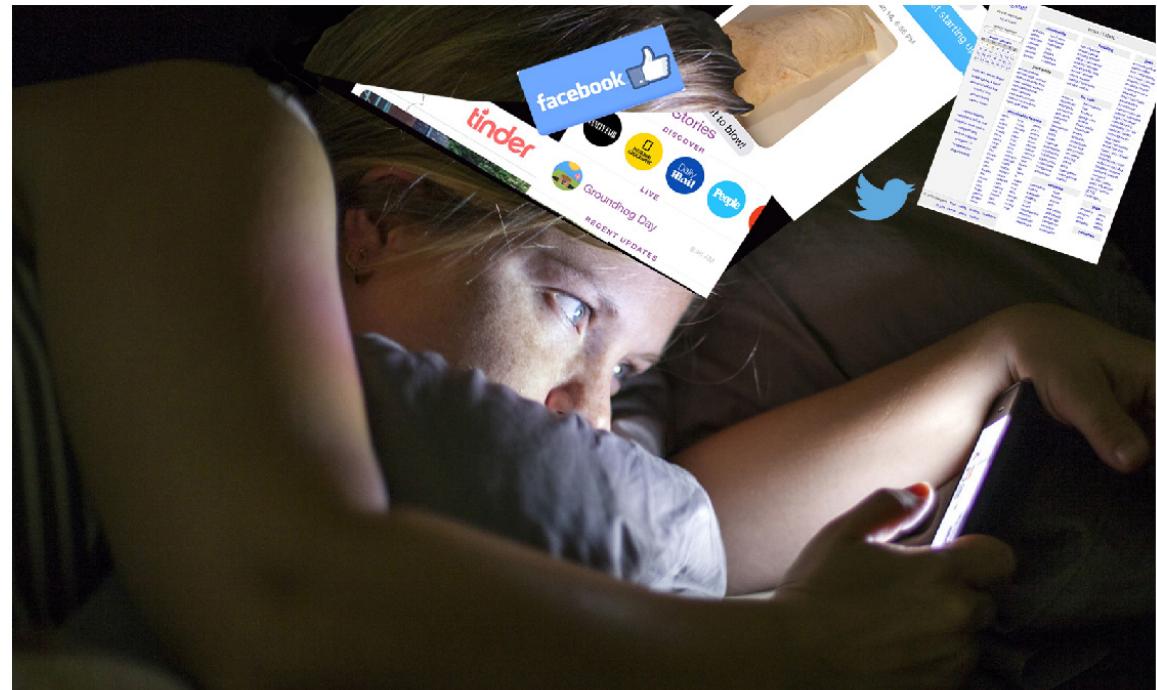
Jelo Lamp encourages a change of bad habits by bringing those habits to attention. It is not going to change those habits for you, but will let you know how silly it thinks they are in its strange form of mockery.

Speculative Design
Design Fiction
Ludic Design
Critical Design
Adversarial Design
Tactical Media
Disobedient Objects
Unconventional Users
Slow Interaction
Bespokeness
Reflective Design
Make an App Thing

Don't feel bad, most of these concepts were new to me too.

Technology has become such a large part of our lives that it's easy to overlook the effects of being connected ALL the time. Critical Design is an effective form of raising awareness, and that is just what Jelo was made to do. I think most people can agree that it has become such a form of habit to turn one's attention to a screen if life becomes uncomfortable.

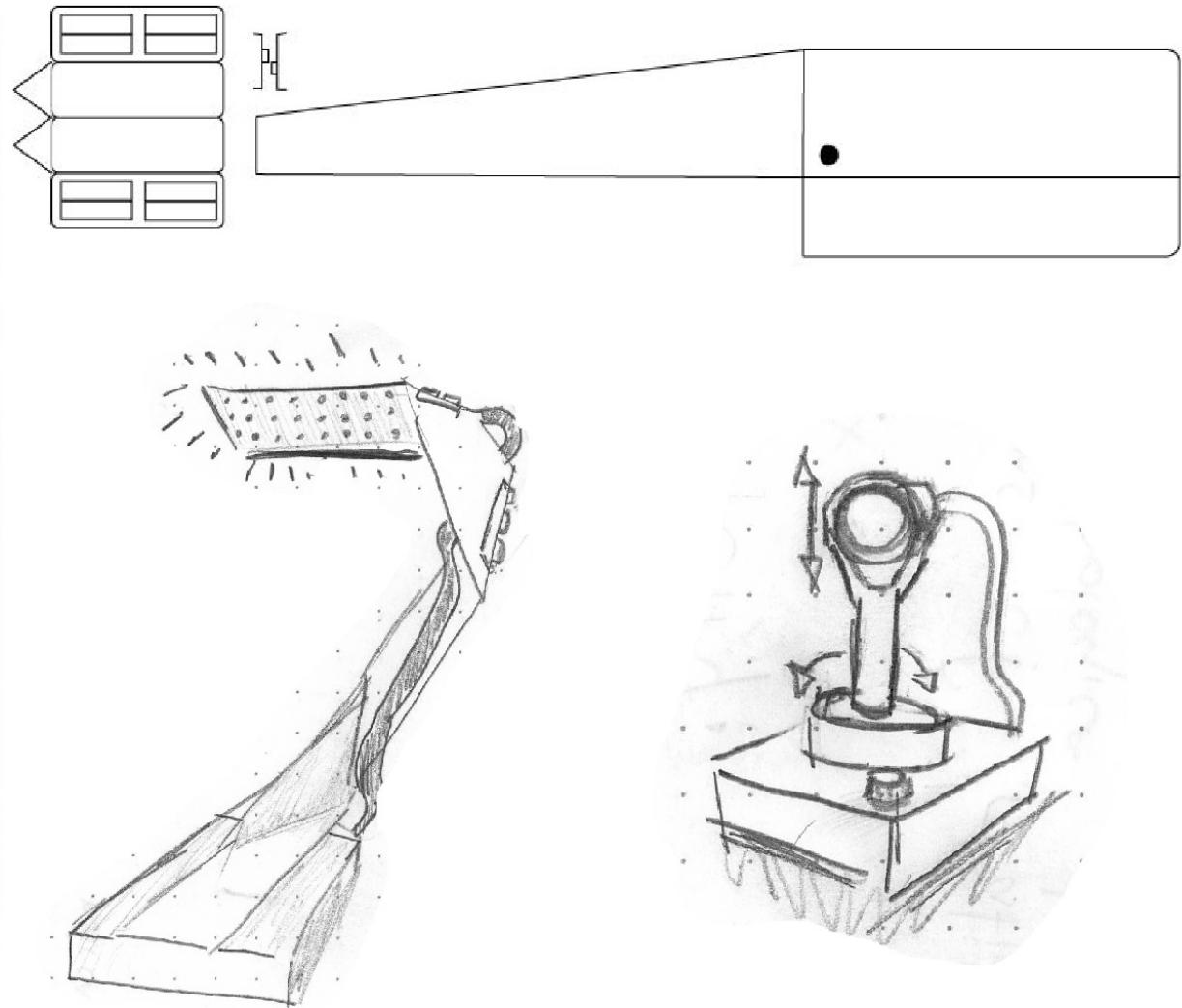
You're staring at screen of LEDs while trying to fall asleep. Jelo thinks that is a dumb thing to do in bed, so it mocks you for it.



CLOCKY



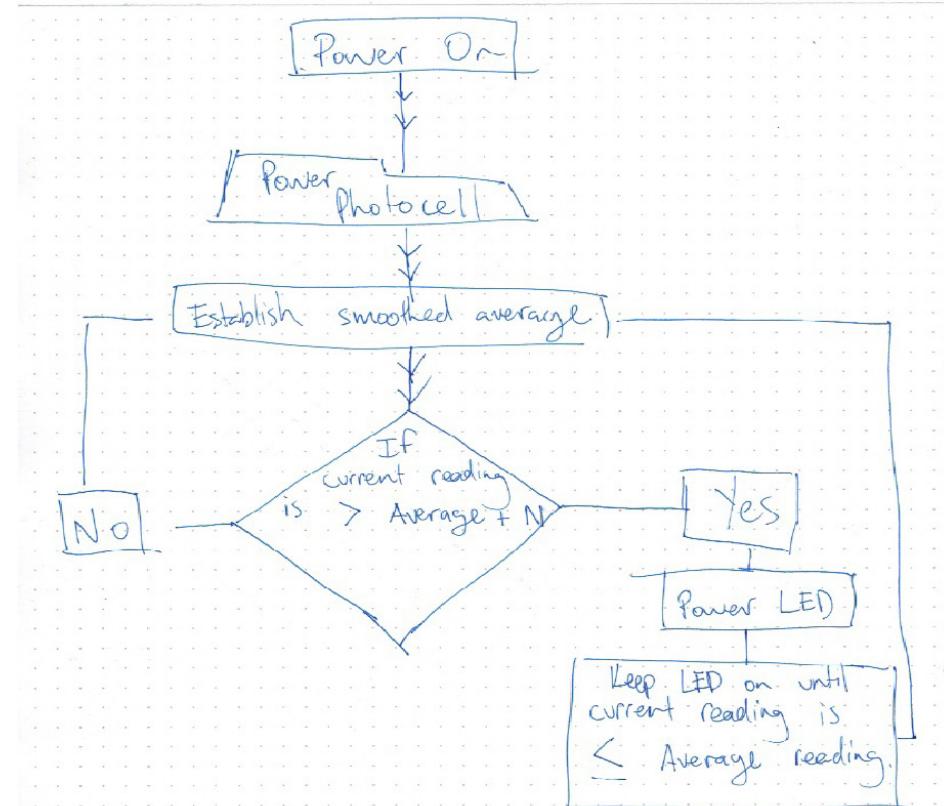
OBJECTS THAT CREATE OR
POSSESS A SENSE OF EMOTION



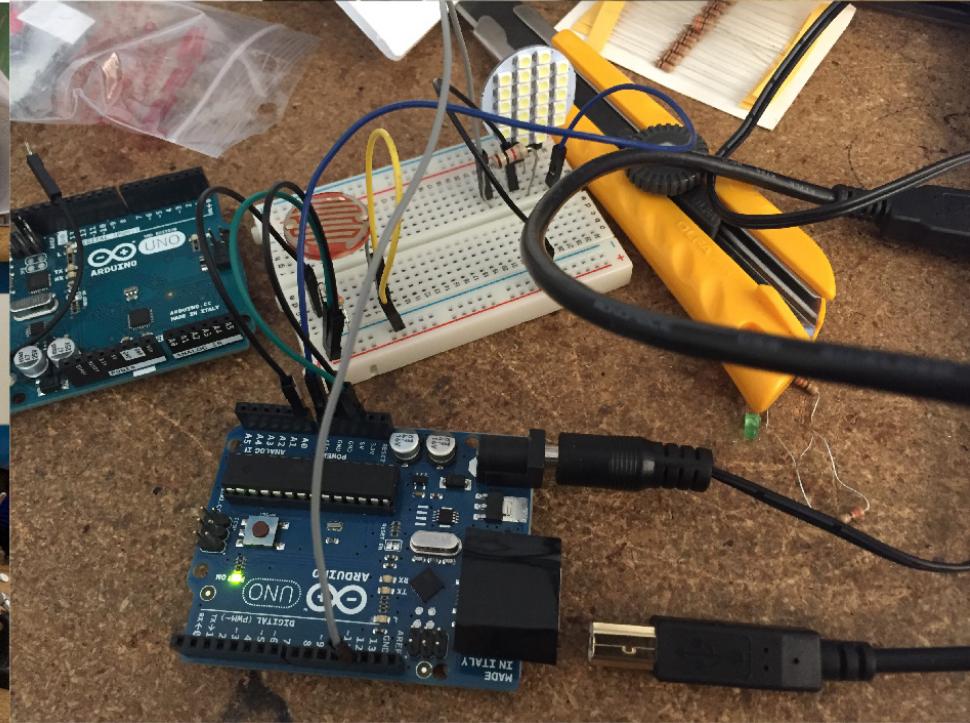
FLOW

It looks simple because it is.

By playing with variables of the code, this flowchart can create many different moods for Jelo.

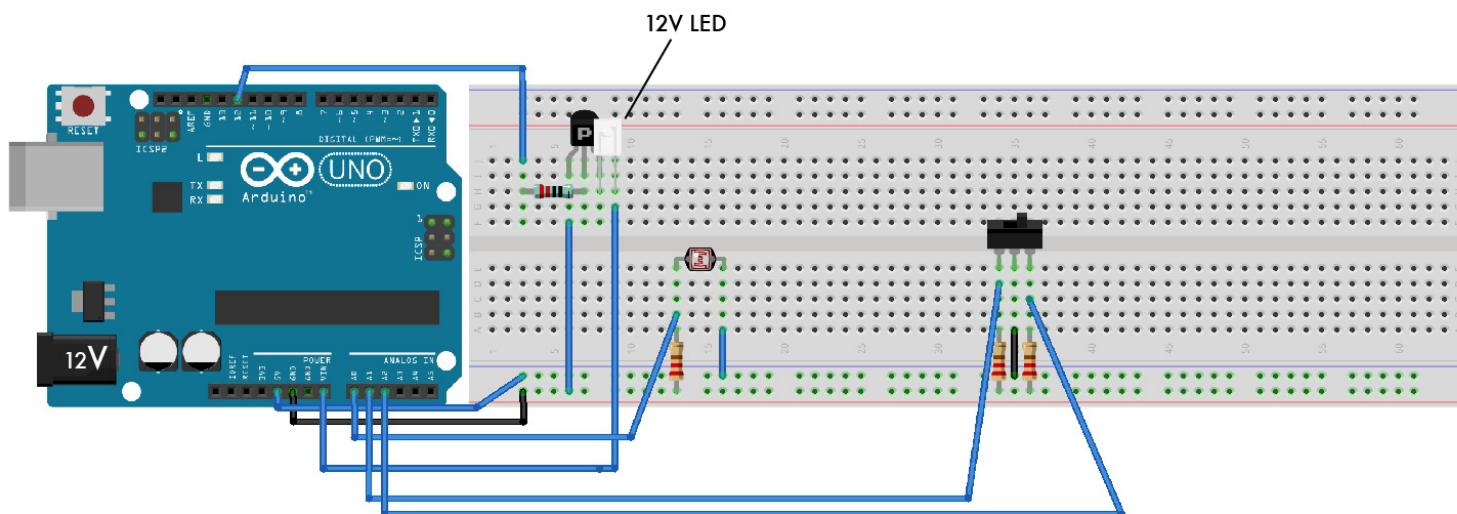
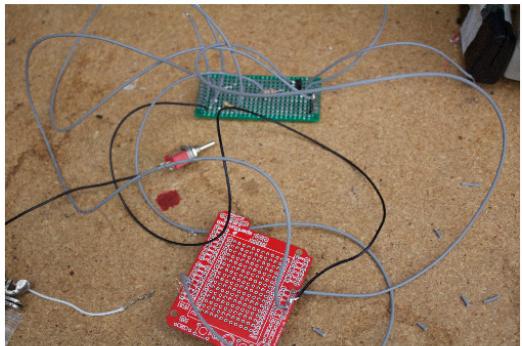


DEVELOPMENT



CIRCUIT

Breadboard & Protoboard



fritzing

CHALLENGES

SMOOTHING

MAKING YOUR OWN OF SOMEONE ELSE'S CODING RECIPE

LAST MINUTE PROTOBOARDS

DIAGNOSIS OF HARDWIRING ISSUES

SMALL MARGIN FOR ERROR FOLDING DIBOND

KILLING ARDUINOS

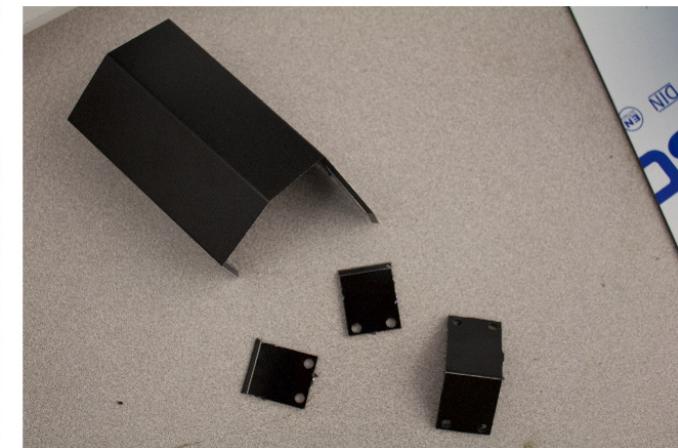
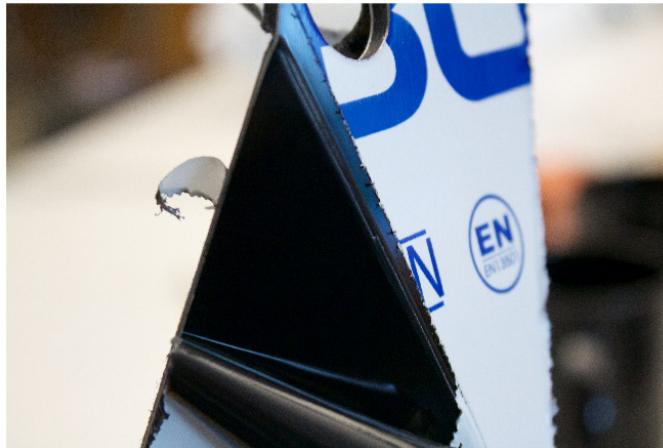
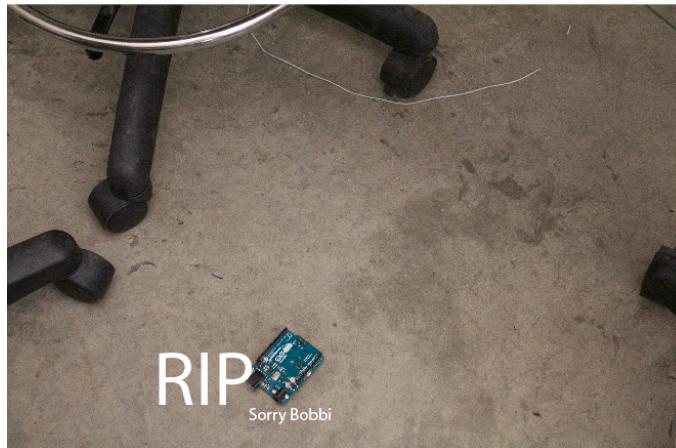
12V POWER SUPPLY

LIMITED MATERIAL STUDY

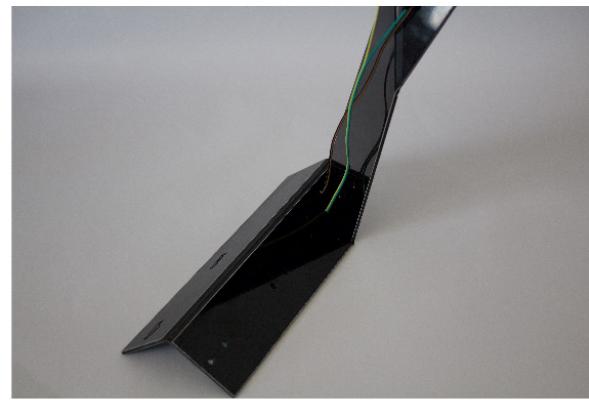
MILLING BY HAND

MELTED SWITCHES

CNC TECHNICIAN EMERGENCIES

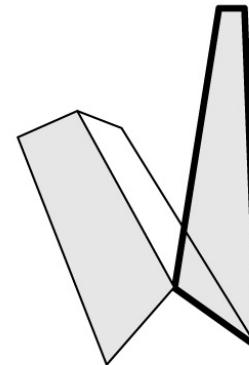
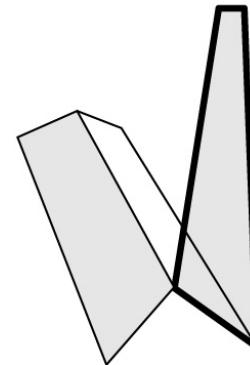
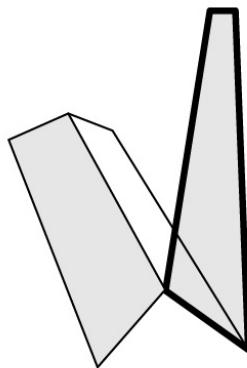


JELO, FOR NOW



<https://vimeo.com/163035732>

Since I've started working on this project, everyone that I have mentioned it to has agreed that they probably need one. Awesome, BUT that being said there is a lot to improve upon.



THANKS

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