

Now painting with layer: 1, press a key to switch

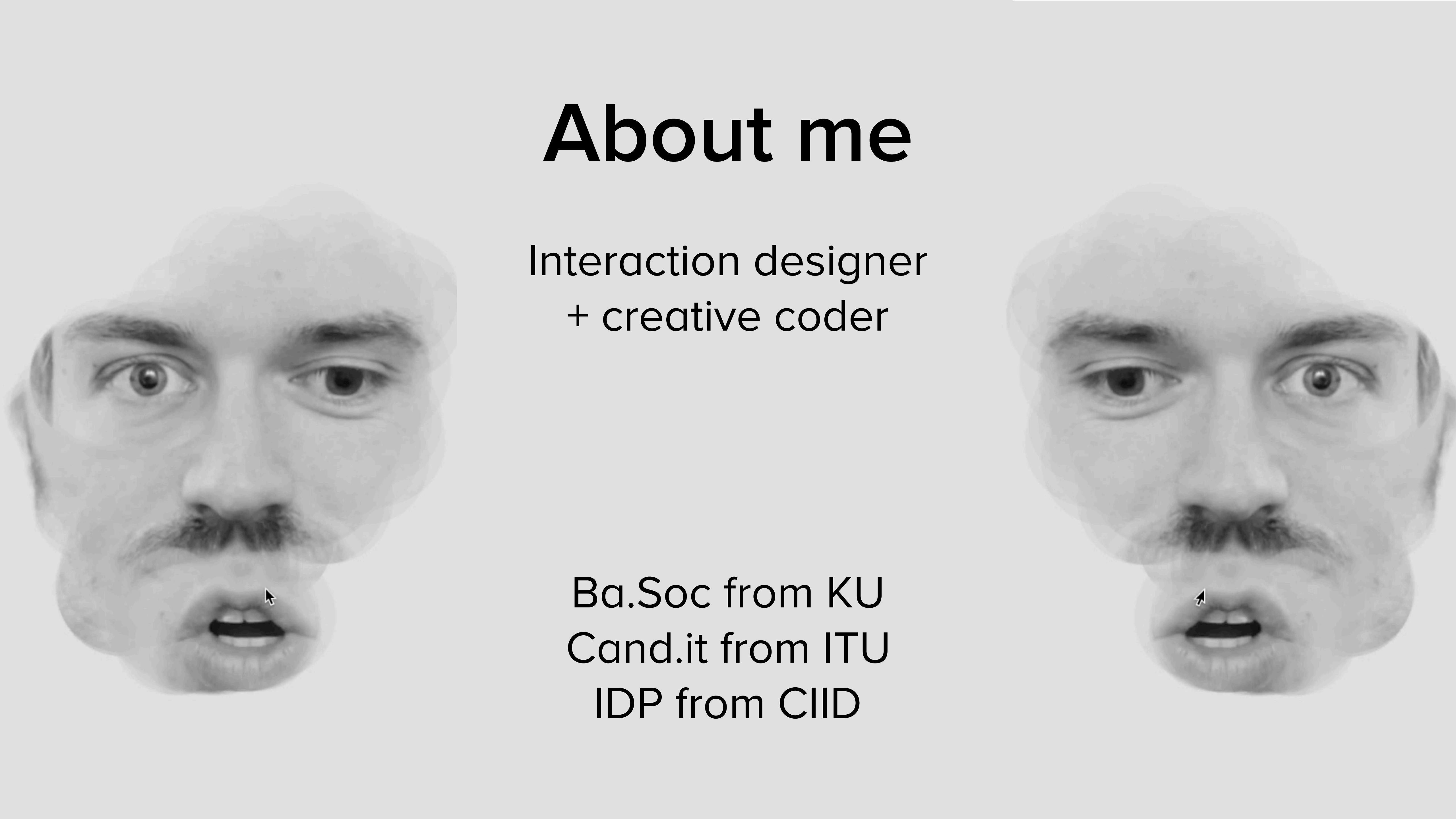
Press d to clear screen

Machine Learning Workshop



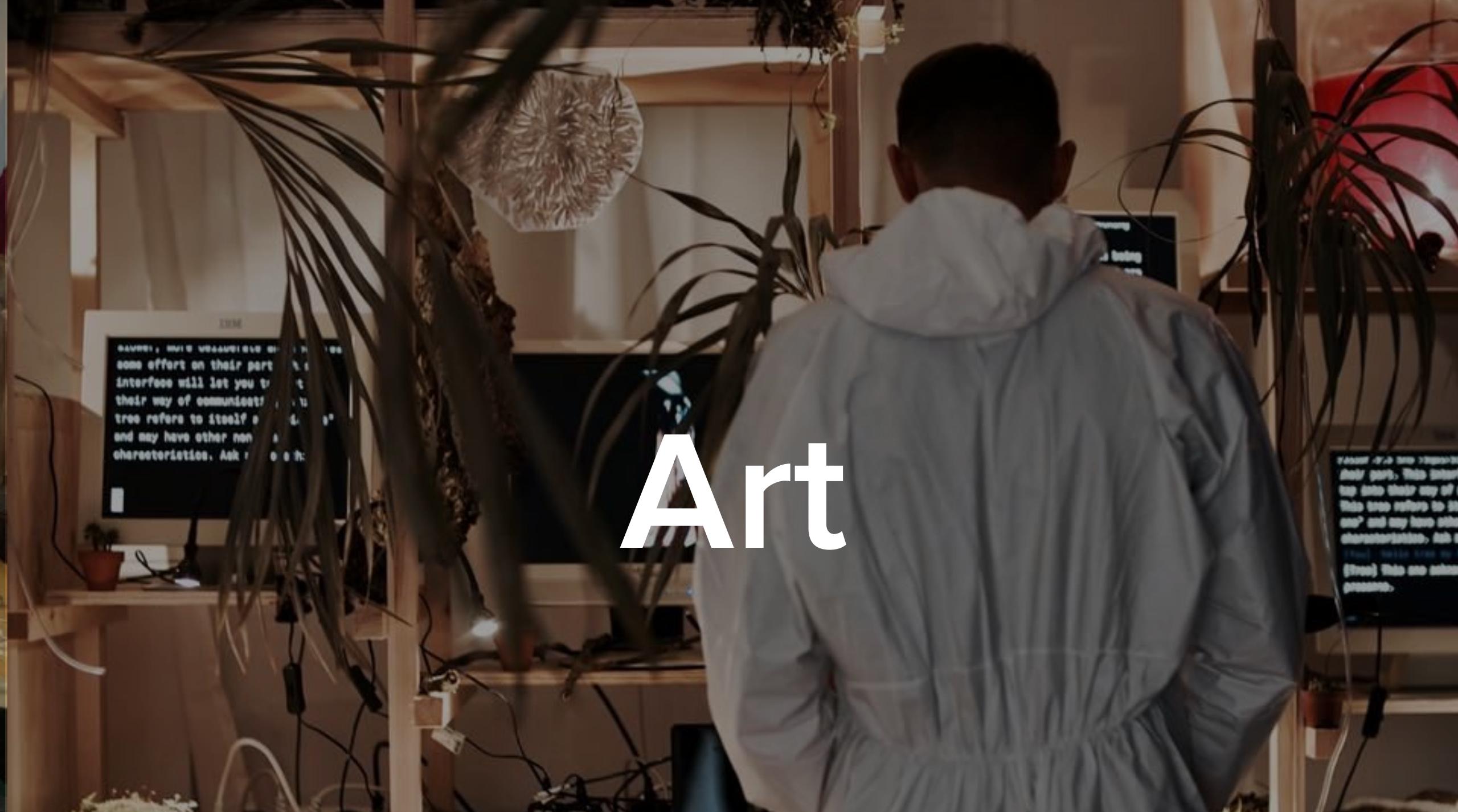
Andreas Refsgaard
IxDA Workshop 2020

About me

A faded, circular watermark-like portrait of a man with dark hair and a well-groomed mustache, looking directly at the camera. It serves as a background for the text elements.

Interaction designer
+ creative coder

Ba.Soc from KU
Cand.it from ITU
IDP from CIID



Freelance

Talks

Workshops

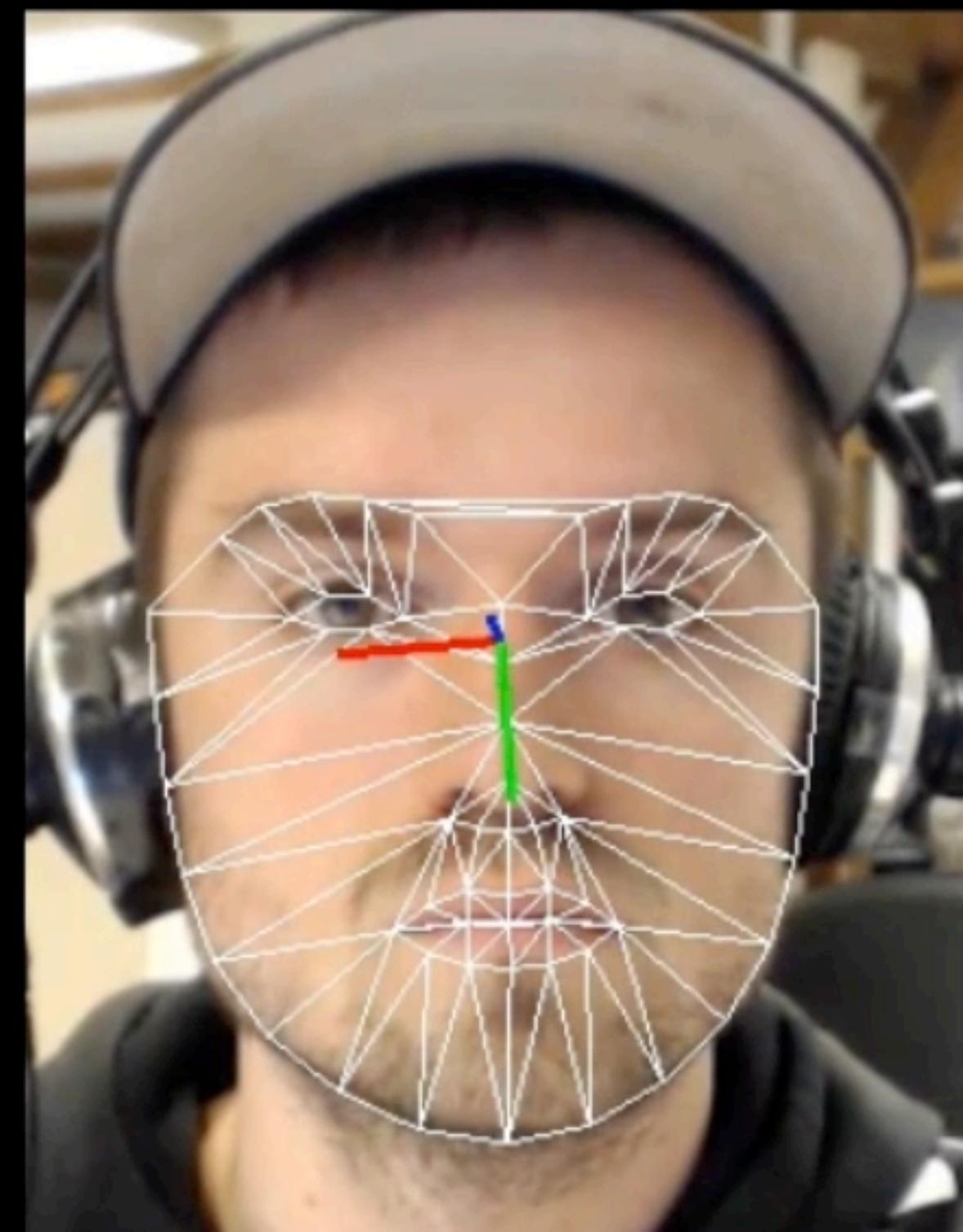
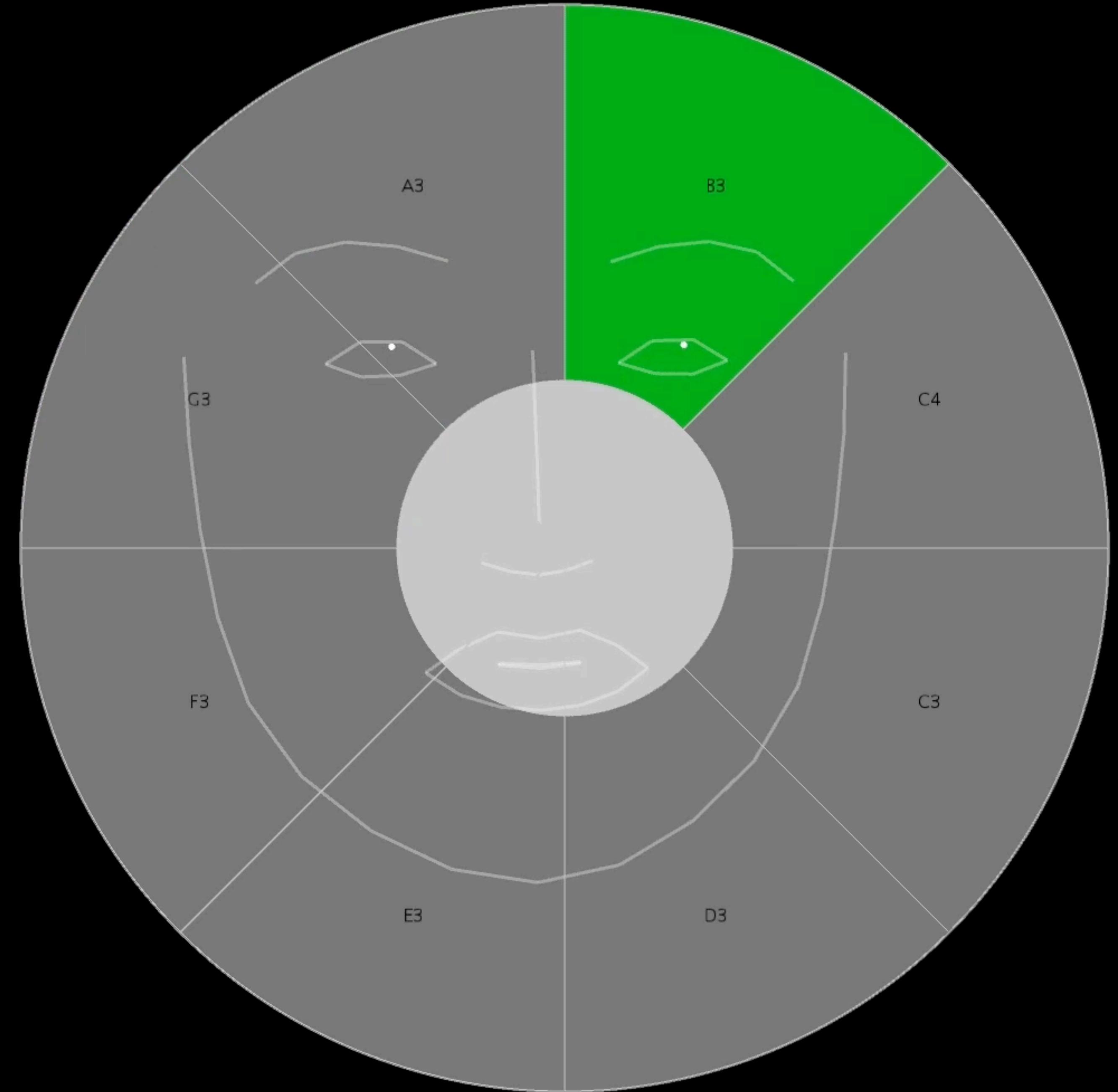
Art

My use of playful interactive machine learning

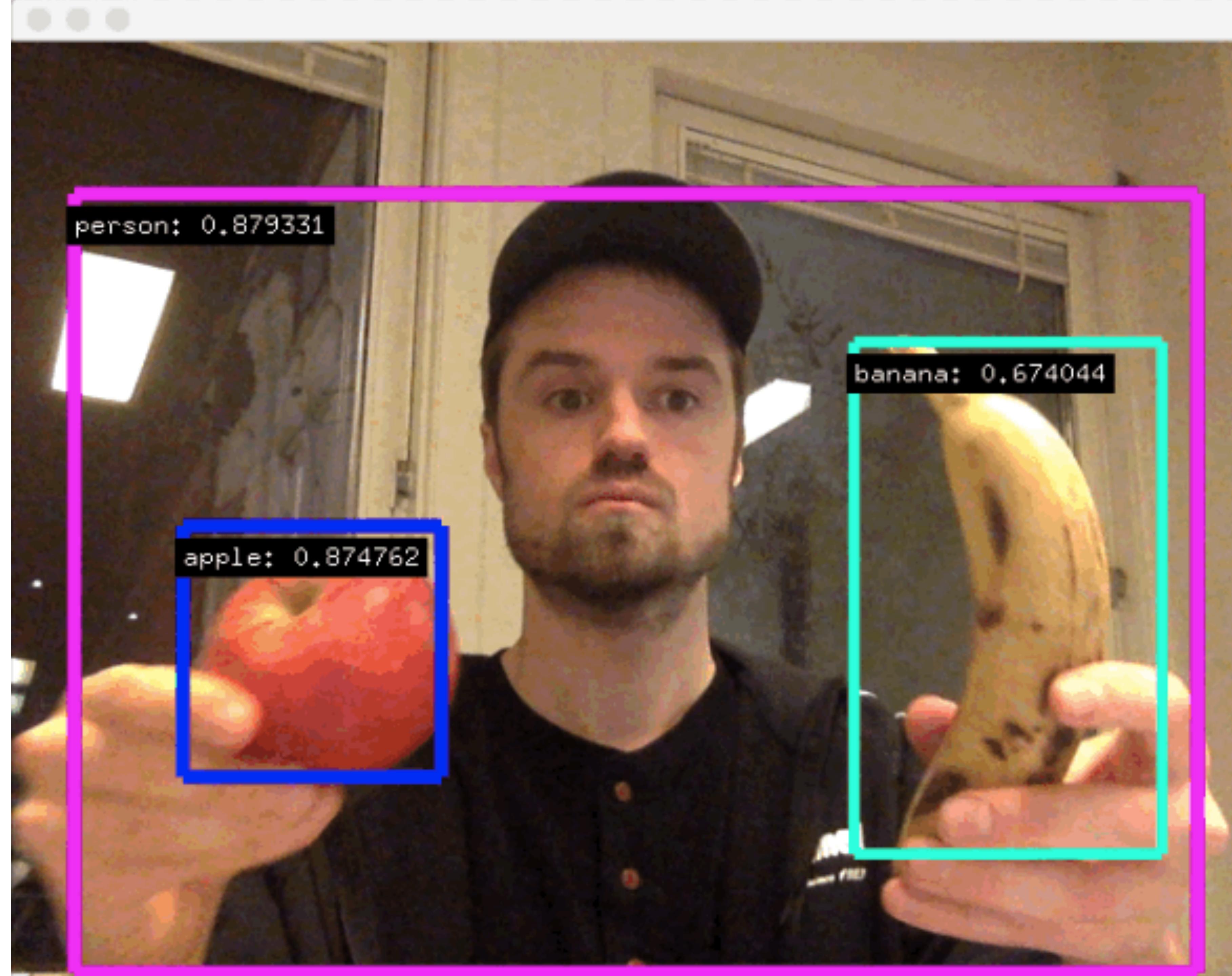
Intro to ml5js + Teachable Machine

Small individual exercises

Group work + informal presentations



Machine Learning



Machine Learning



Wekinator File View Actions

17 73% Mon 20:46

New Project

OSC In OSC Out

Values Examples Configure

randomize

Models

outputs-1 1 66

Edit Status

Stop Recording

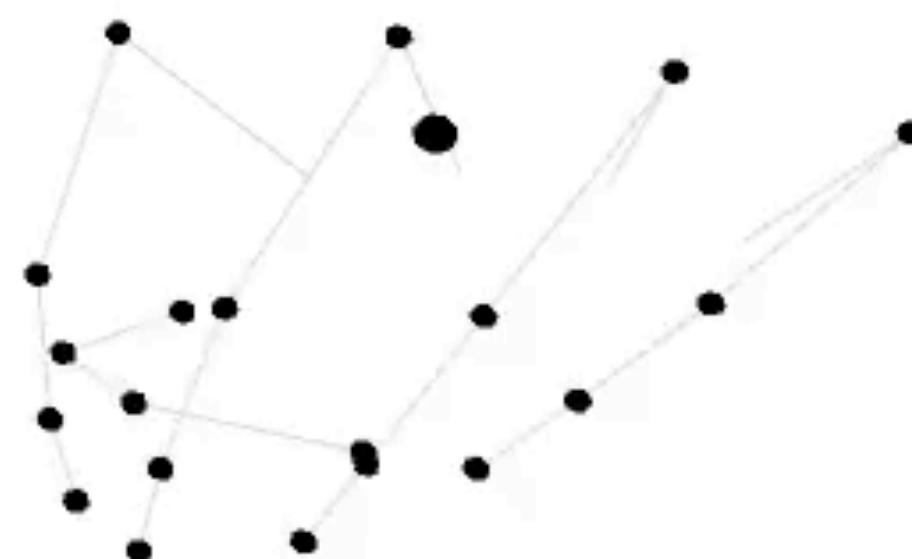
Train

Run

Delete last recording

Re-add last recording

Status: New examples recorded



Supervised Machine Learning

Prototype without (much) code

Iterate faster

Let users train and decide the interactions

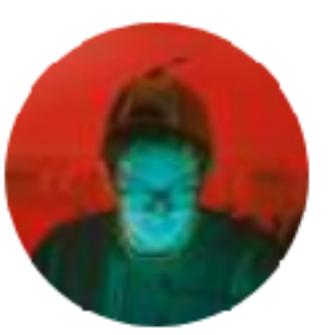
Use complex inputs



Teach a machine using your camera,
live in the browser. No coding required.

 Let's Go!

or [skip the tutorial](#)



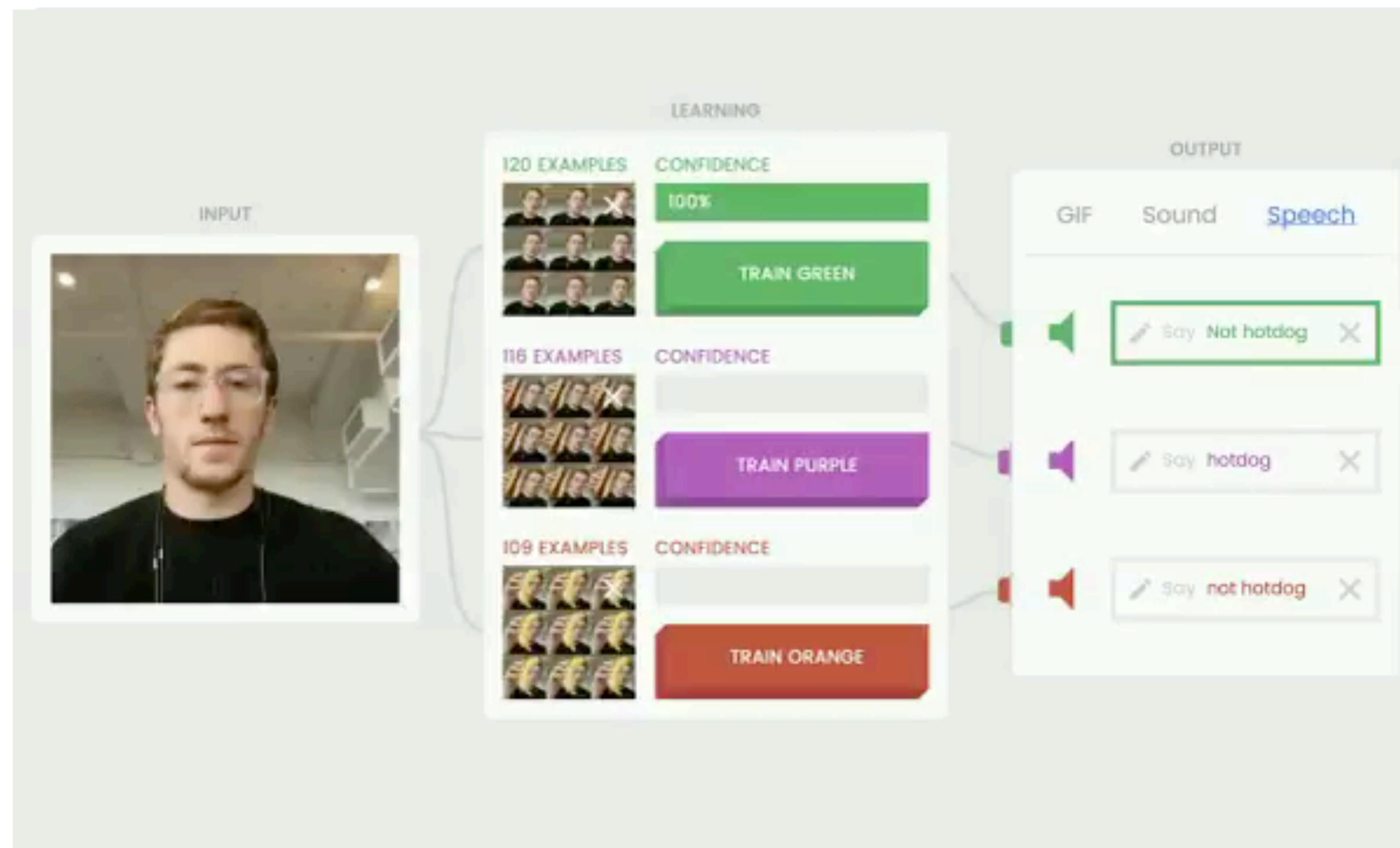
Barron

@WarronBebster

Follow

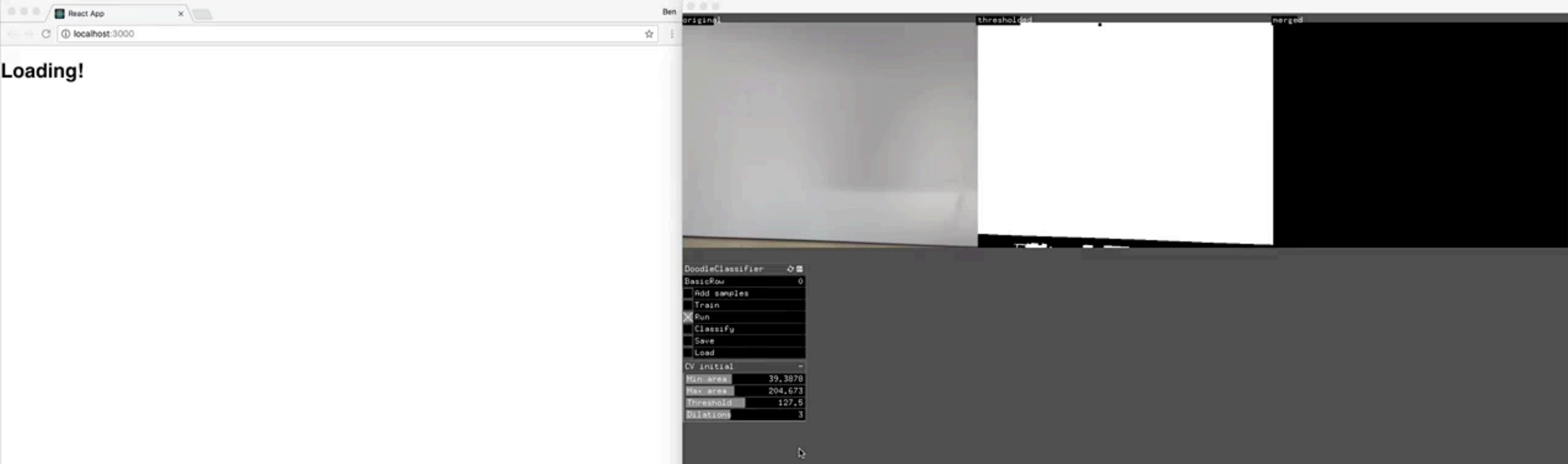


I used **#teachablemachine** to make
@siliconhbo's Not Hotdog app:







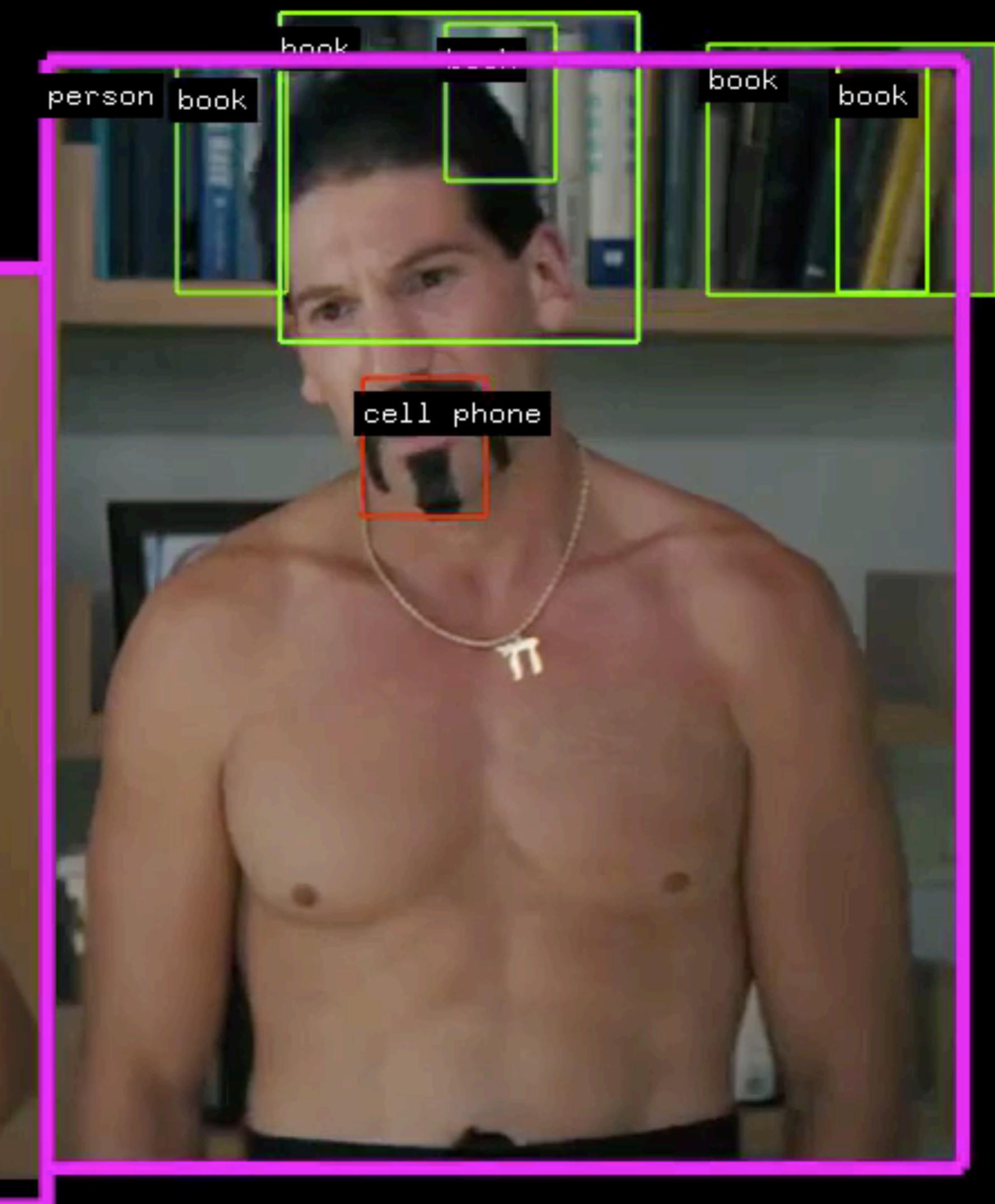
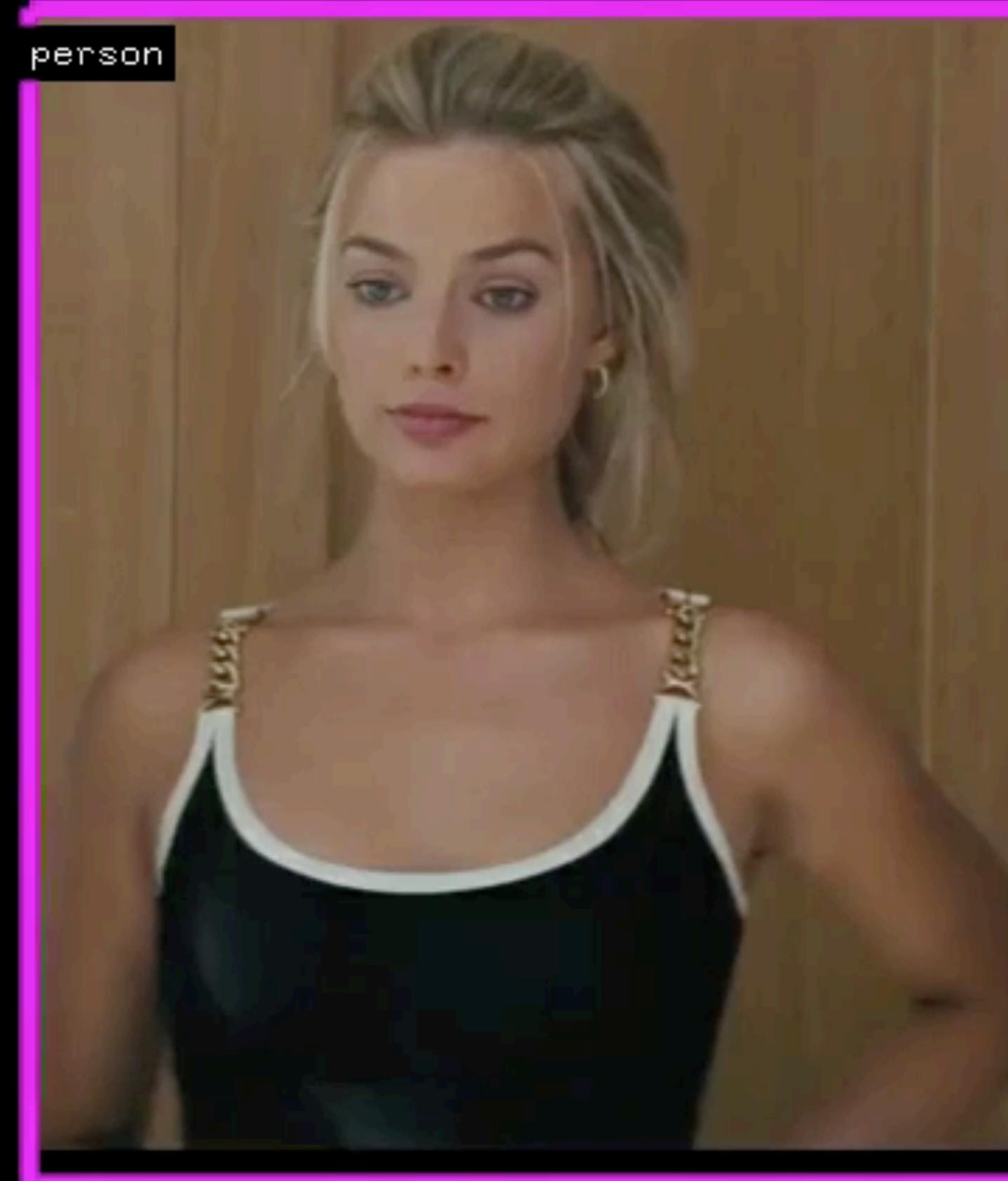


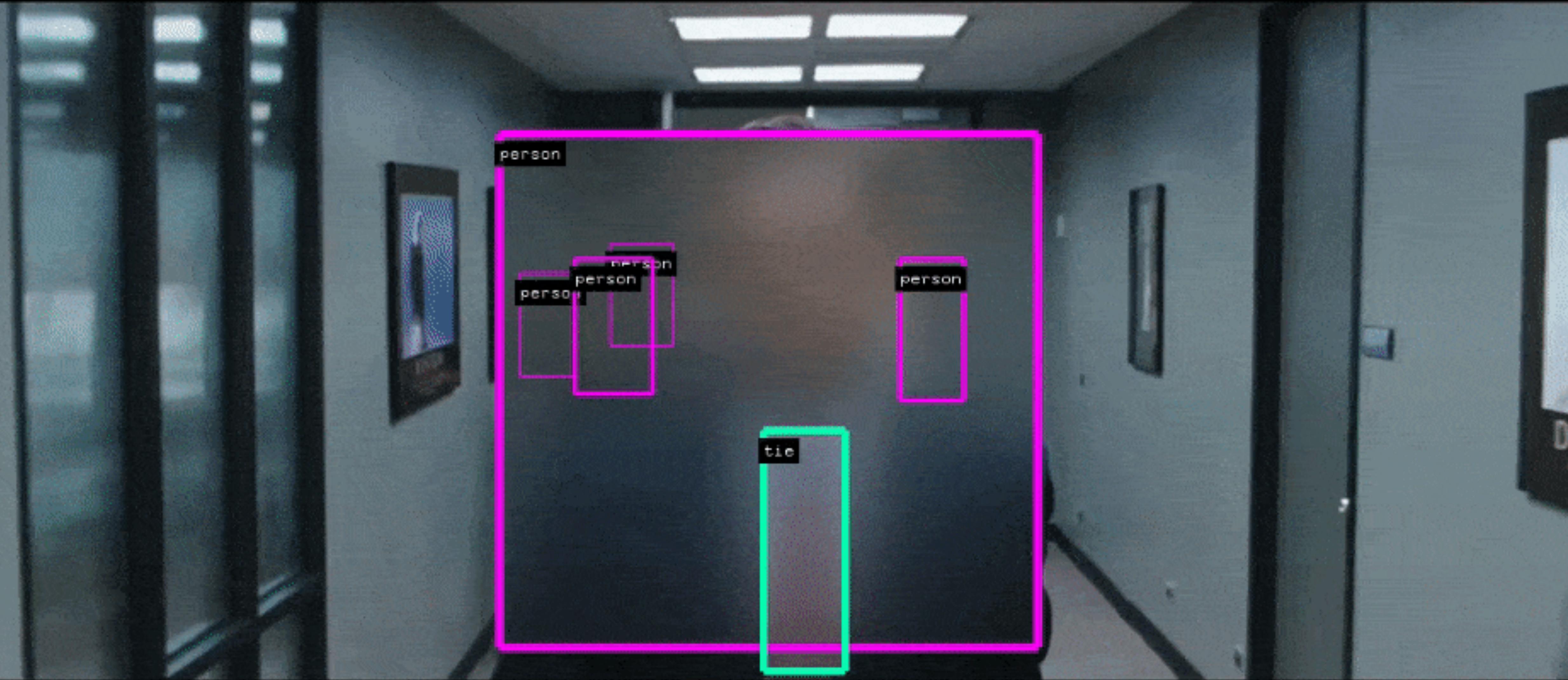
Sound controlled
Wolfenstein

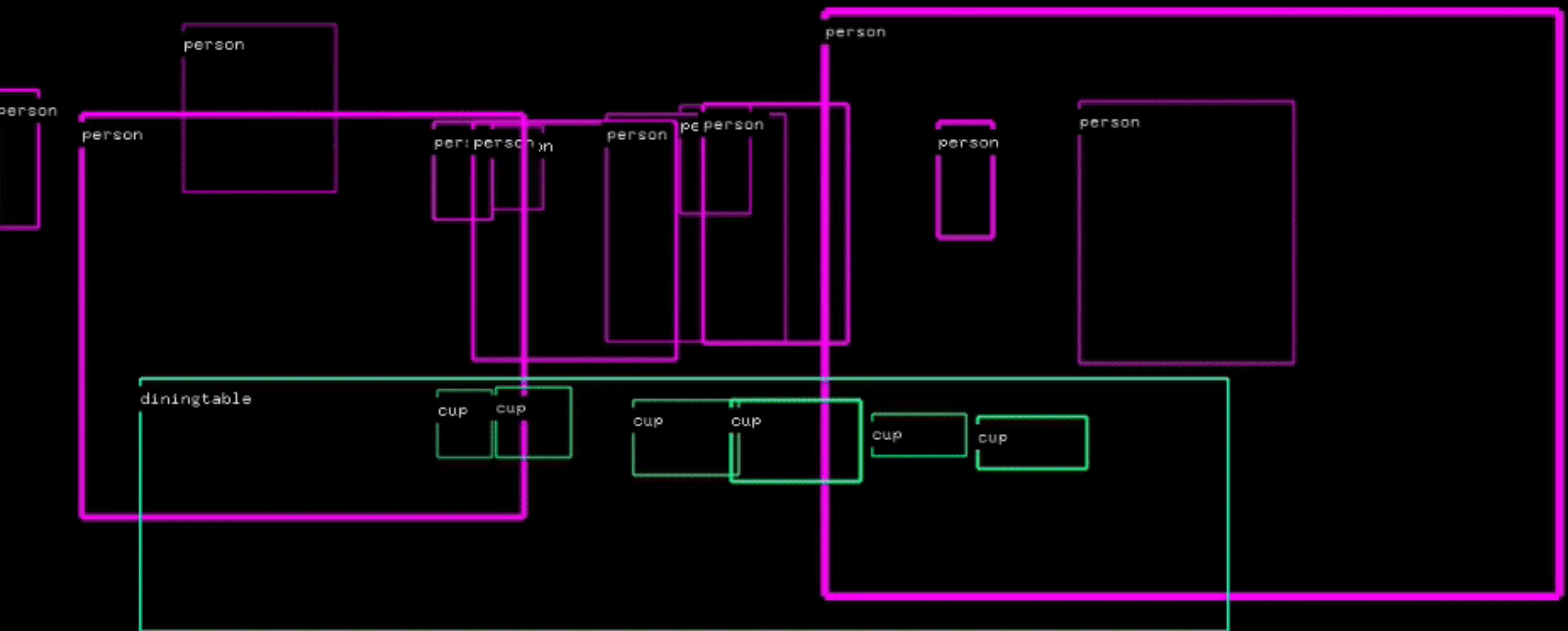


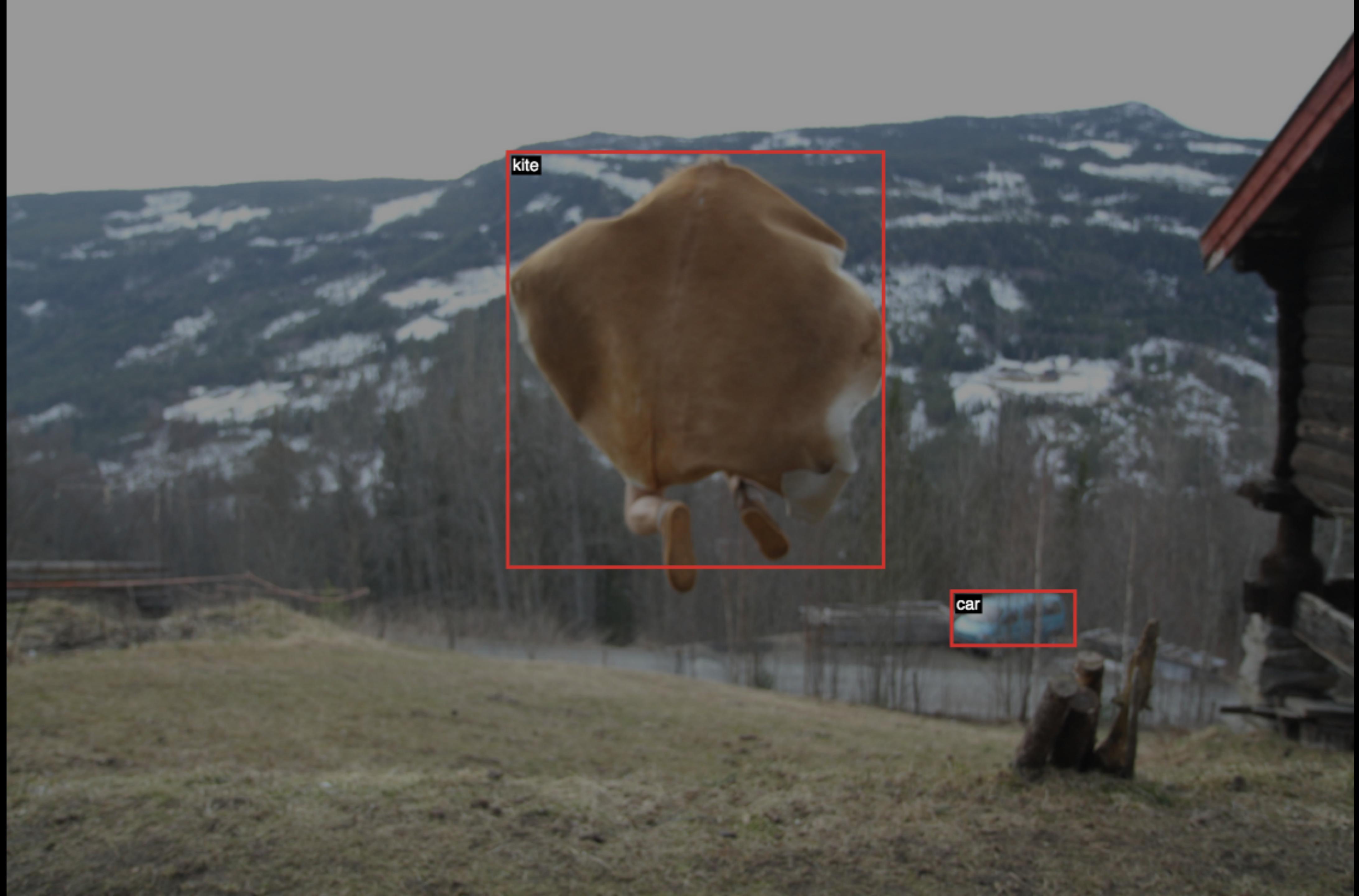
FLOOR	SCORE	LIVES	HEALTH	AMMO
1	0	3	100%	16









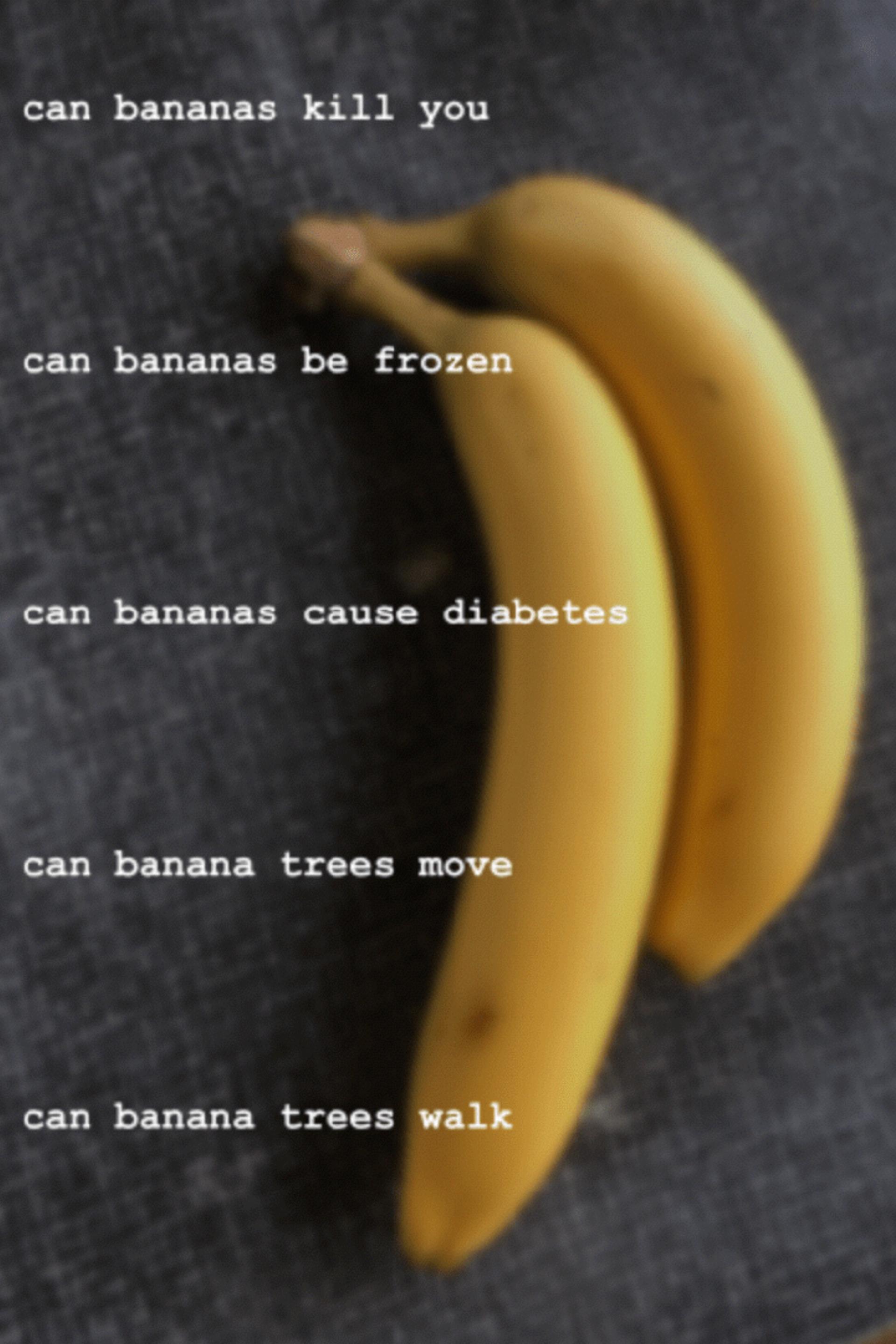


toilet



Poems about things
is a project that
generates poetry
from everyday
objects around us



A close-up photograph of two ripe bananas against a dark background. The bananas are curved and have a bright yellow color with some green at the stems. They are positioned diagonally across the frame.

can bananas kill you

can bananas be frozen

can bananas cause diabetes

can banana trees move

can banana trees walk



is my fur coat real

is my fur coat worth anything

is my fur coat mink

is my coat fur

why is my fur coat shedding



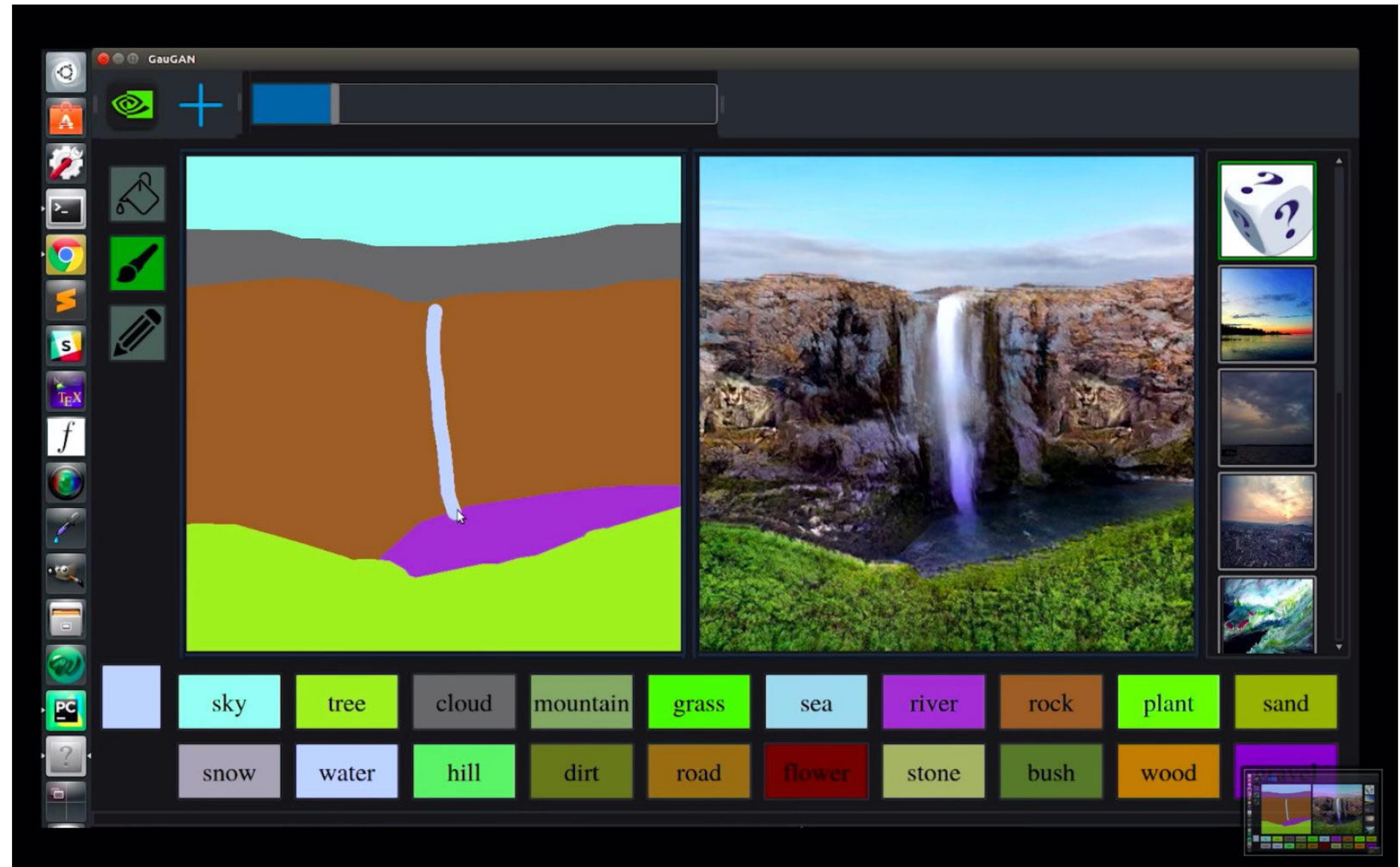
BOOKSBY.AI

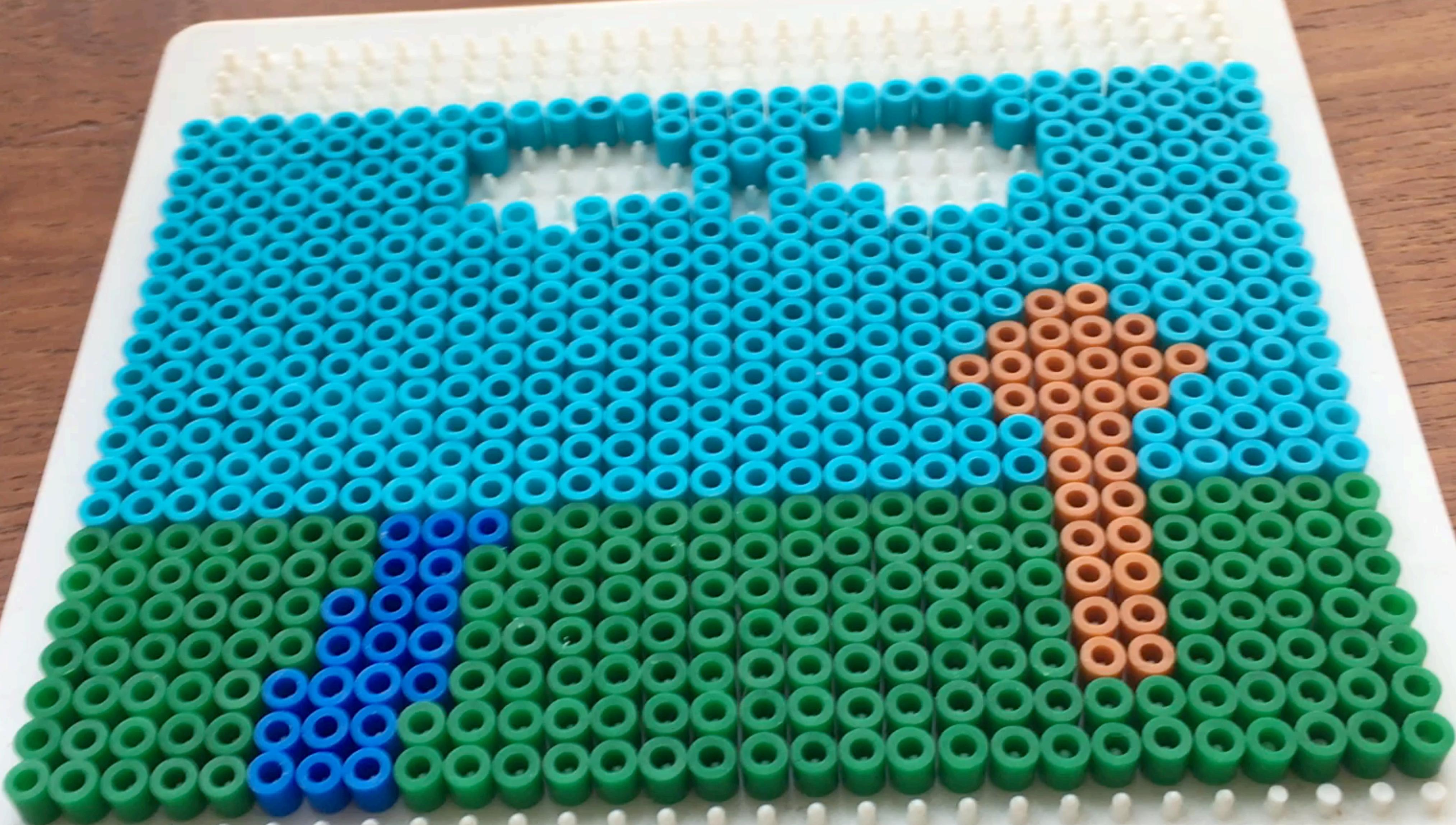
Booksby.ai is an online bookstore which sells science fiction novels generated by an artificial intelligence.

Work in progress

Perler beads to landscapes







andreasref.github.io/ixda

Now painting with layer: 1, press a key to switch

Press d to clear screen



Andreas Refsgaard

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twitter.com/andreasref
instagram.com/andreasref