

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

Press d to clear screen

50

ALPHAVAL

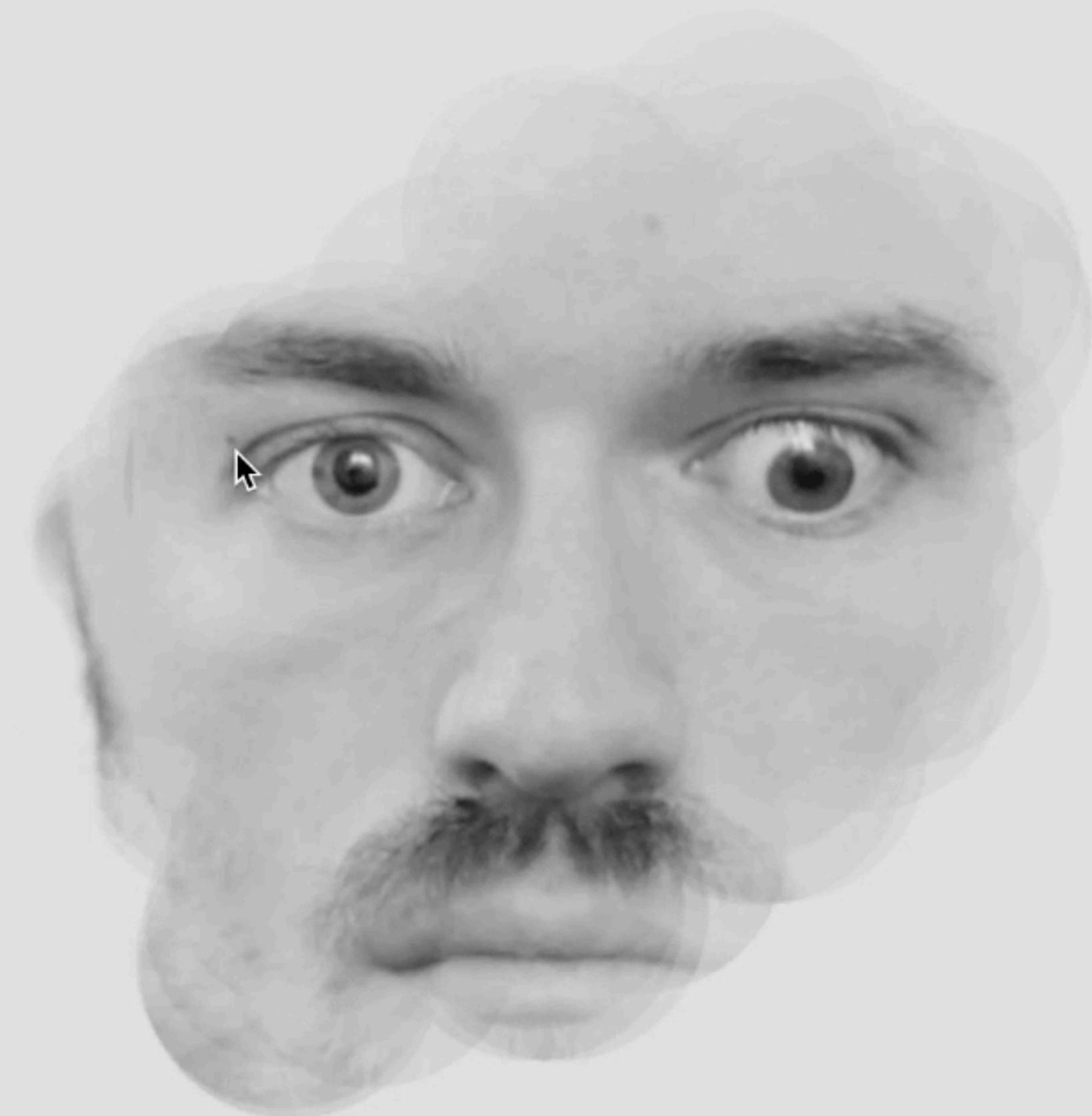
1

BRUSHRESOLUTION

35

BRUSHSIZE

Andreas Refsgaard



andreasrefsgaard.dk
twitter.com/andreasref
instagram.com/andreasref

Machine Learning



Wekinator File View Actions

New Project

OSC In OSC Out

Values Examples Configure

randomize

Models

outputs-1 1 66 Edit Status

Start Recording

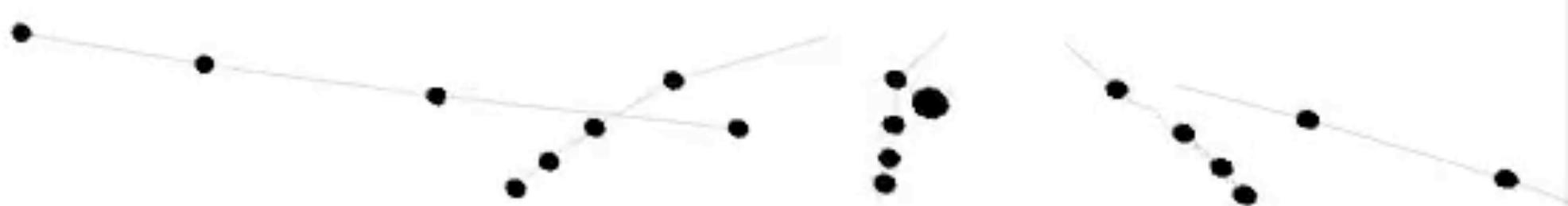
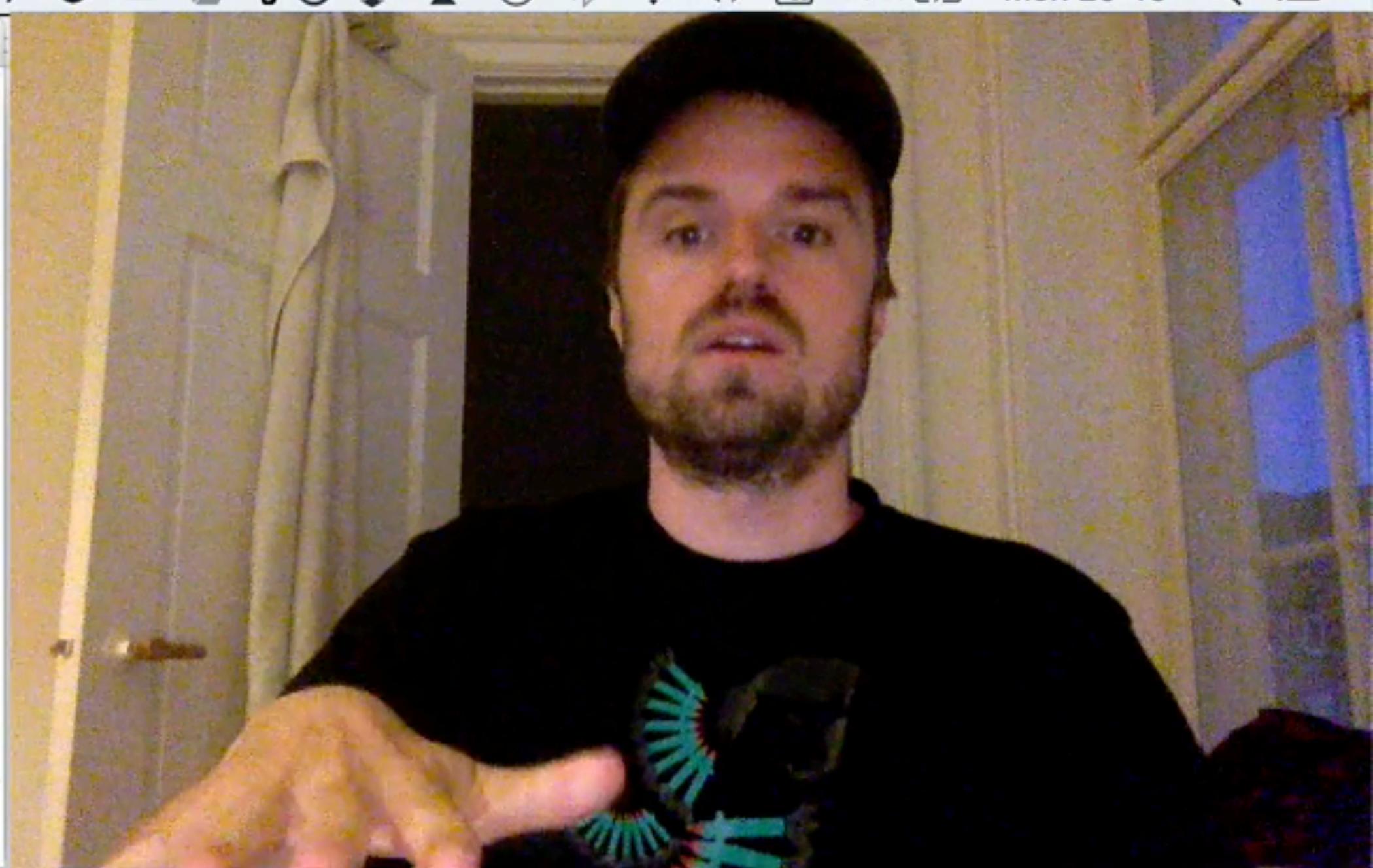
Train

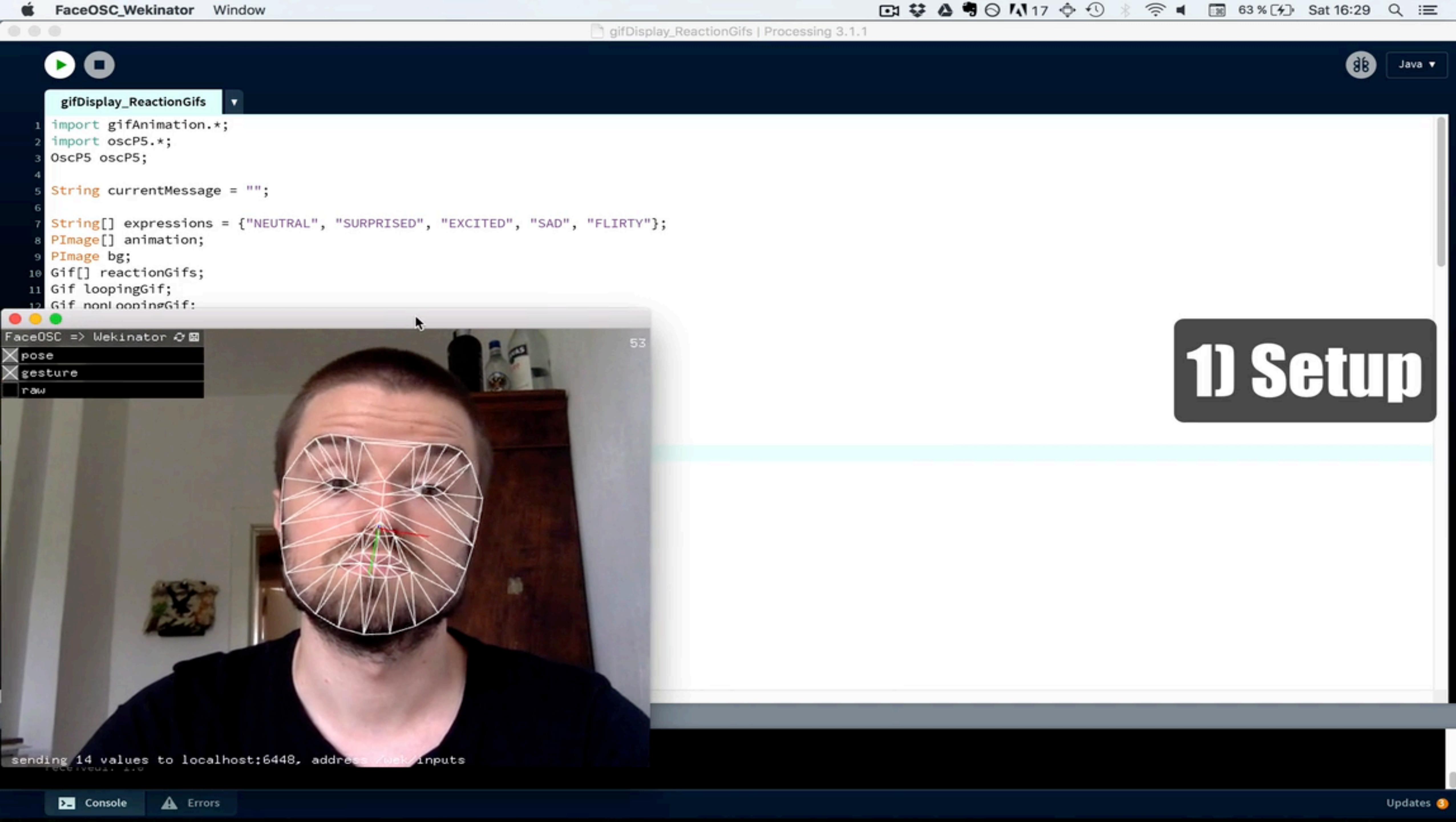
Run

Delete last recording (#1)

Re-add last recording

Status: 66 new examples recorded





1) Setup

gifDisplay_ReactionGifs

New Pro gifDisplay_ReactionGifs

OSC In OSC Out

Start Recording

Train

Stop running

Delete last recording (#6)

Re-add last recording

Status: Running - waiting for inputs to train

Models outputs-1 (v2) 3

Current expression:
EXCITED

Train your facial expressions using machine learning

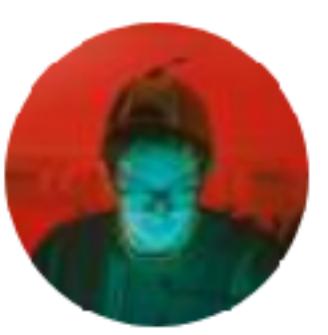
faceOSC, Processing & Wekinator

localhost:6448, address /wek/inputs

Console Errors

Updates 3





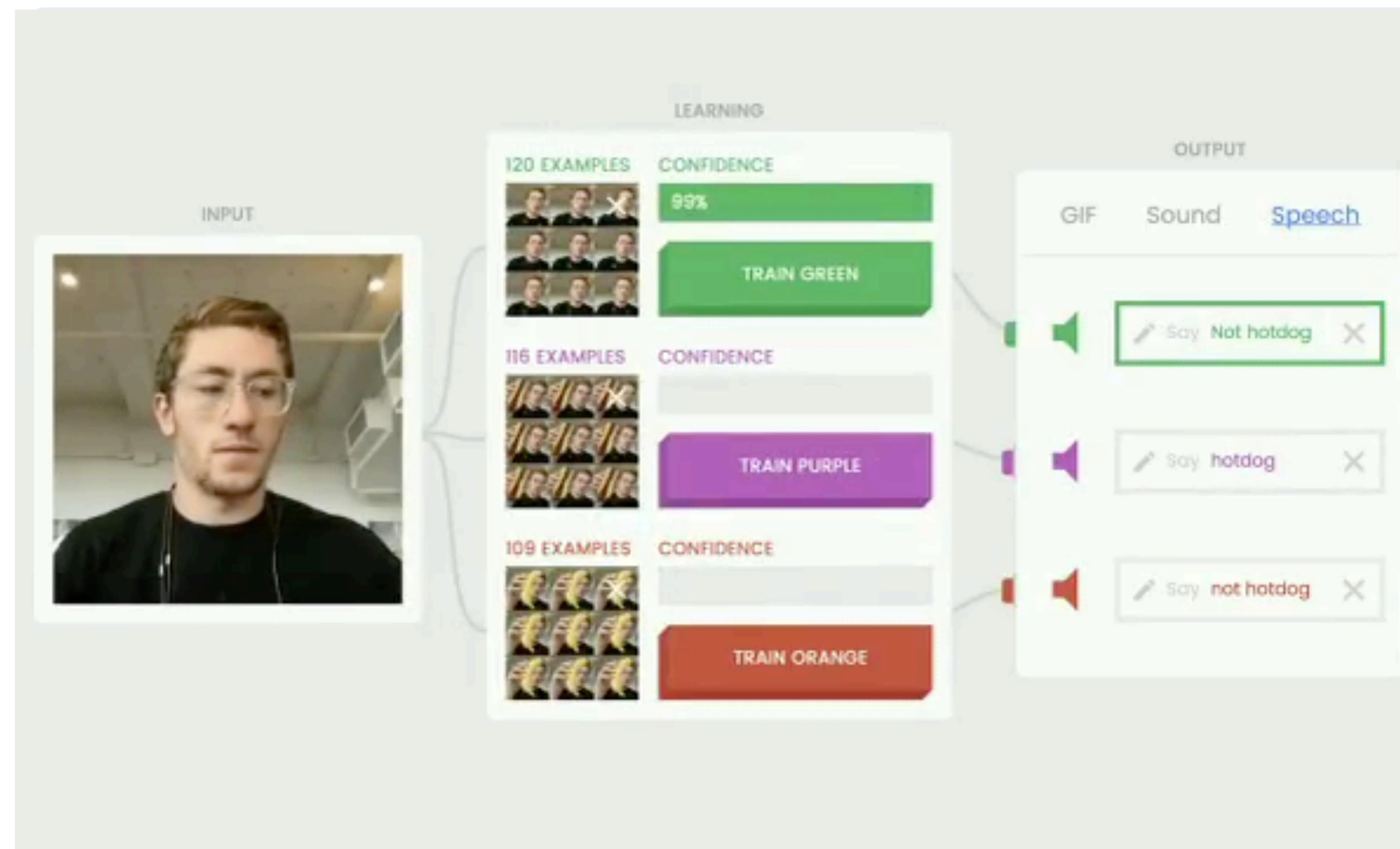
Barron

@WarronBebster

Follow



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



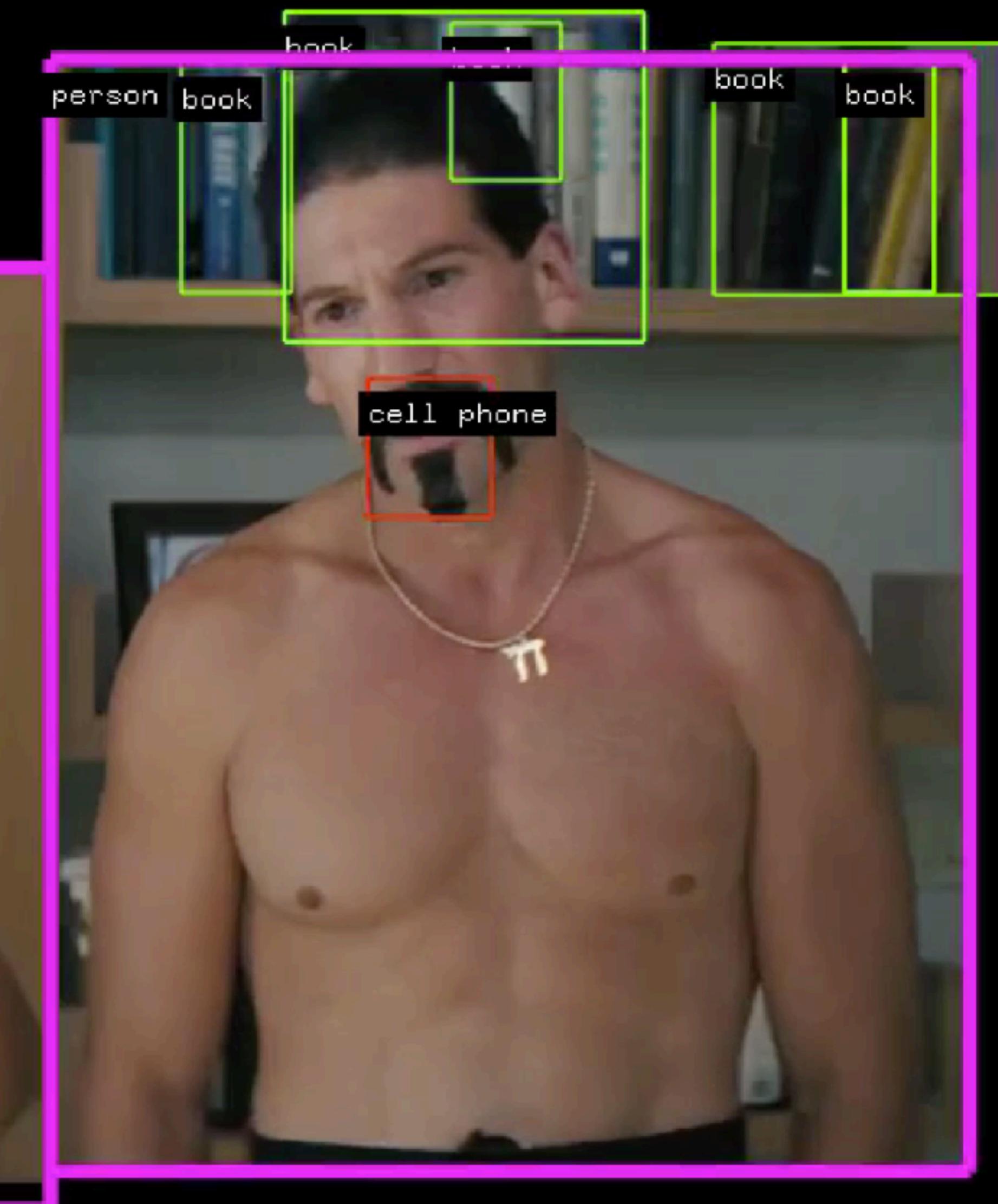
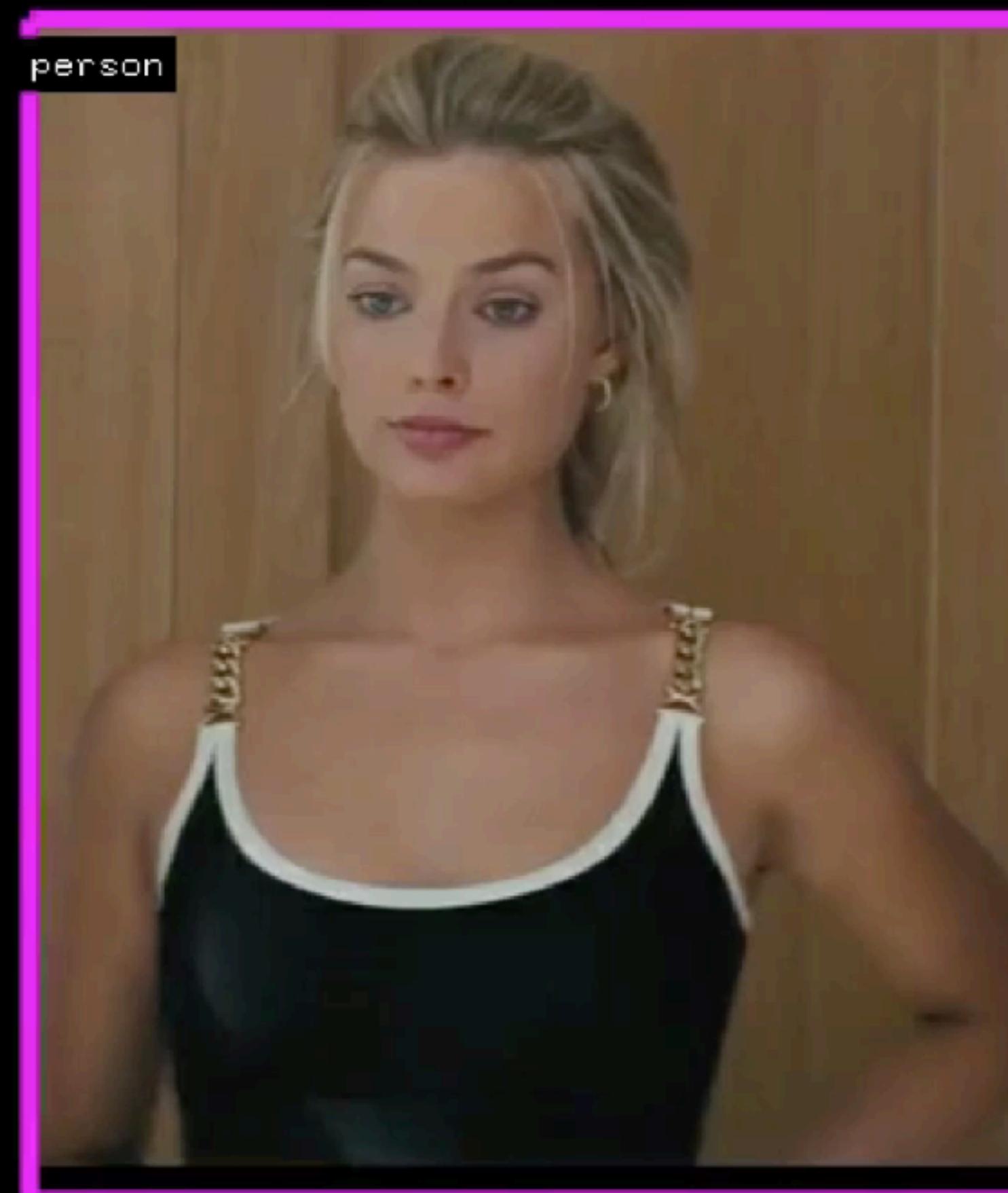


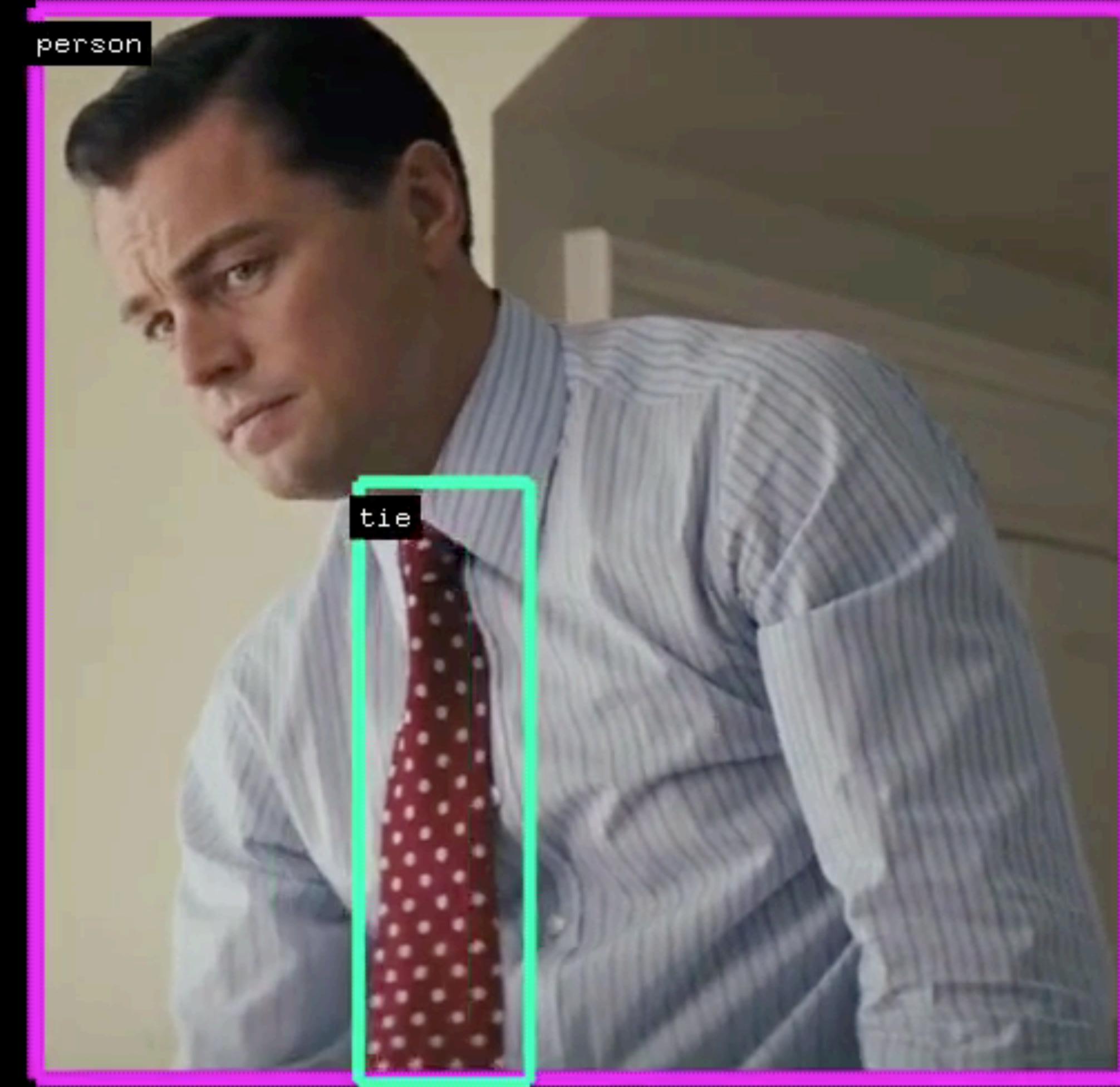
Sound controlled
Wolfenstein



FLOOR	SCORE	LIVES	HEALTH	AMMO
1	0	3	100%	16



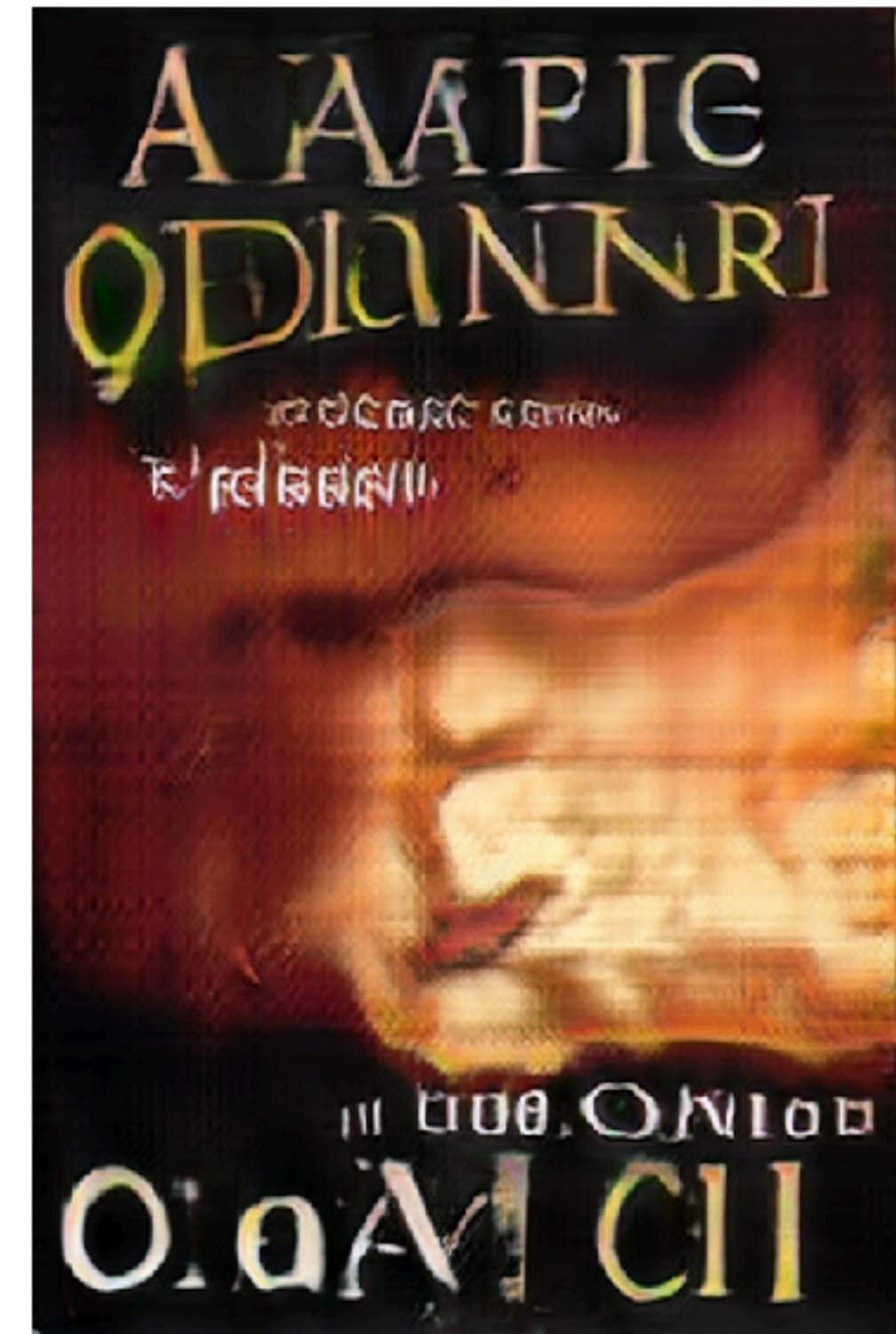




person

tie

EXPLORE THE BOOKS - ENTIRELY GENERATED BY AI:



The Serious: A Proven Divorce

By: Shevinja Fogoloff

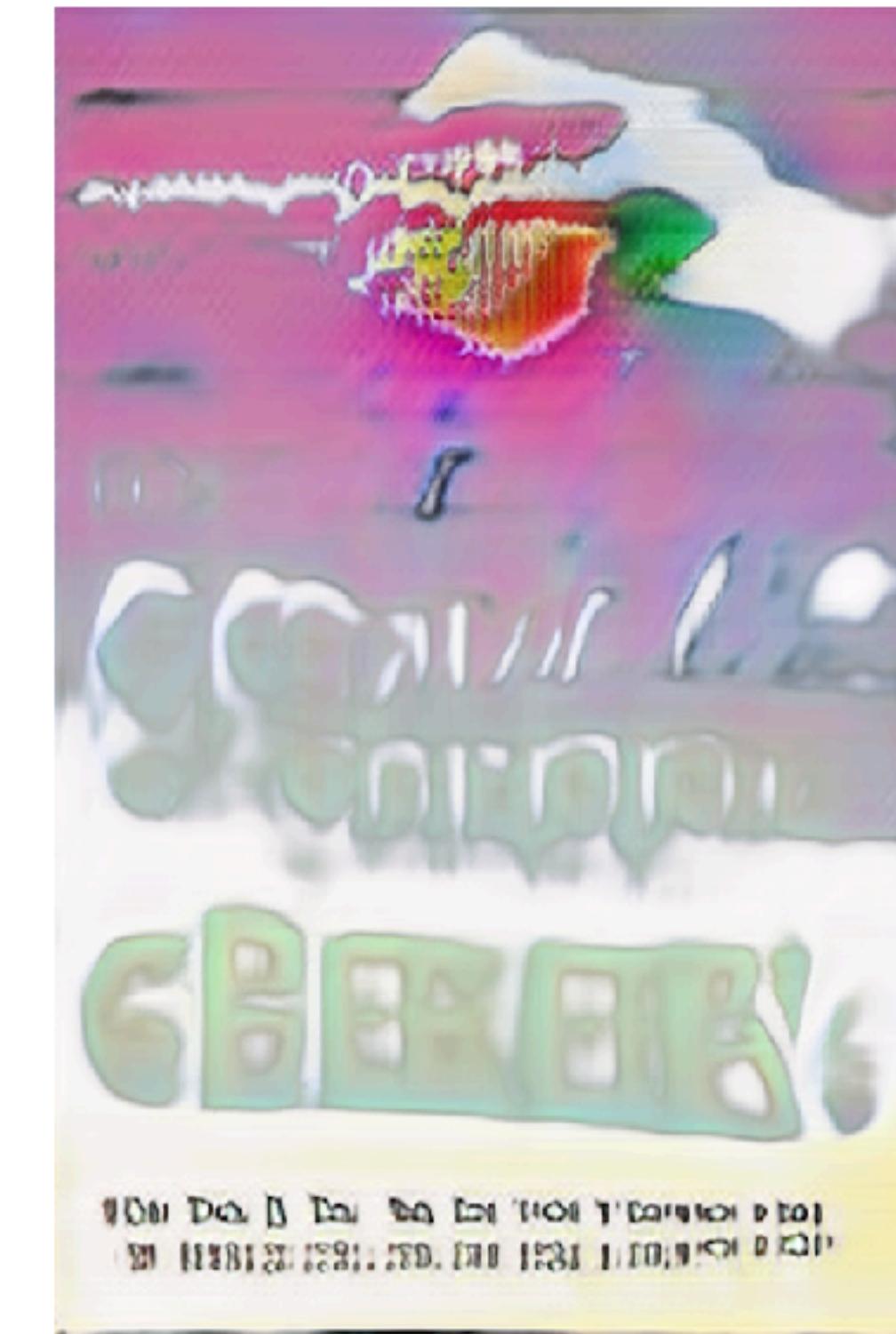
\$15.68



The Imperfect in the Disaster

By: Barreast Wolf

\$10.99



Bitches of the Points

By: Hudy Mahone

\$13.49



Auro-Minds and the Hungers

By: James Foogher

\$14.05

Chrome File Edit View History Bookmarks People Window Help

E AI E | YouTube Gen | Rea | Is "I" | Bac | K! Edit | K! Kah | K! Kah | K! Kah | Q Qui | Google You | Google nvic | Google ai ai | Blue Invit | Google vid | S

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 Look inside 

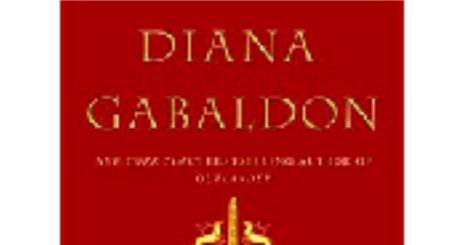

See all 2 images

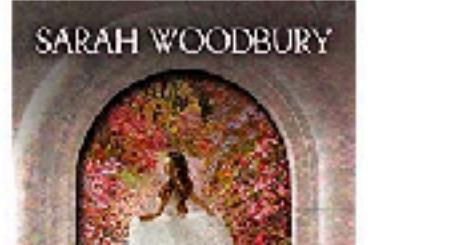
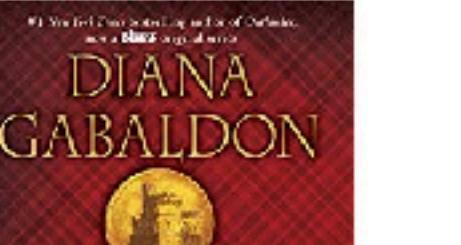
The Imperfect in the Disaster Paperback – January 12, 2019
by Barreast Wolf (Author)
Be the first to review this item
[See all formats and editions](#)

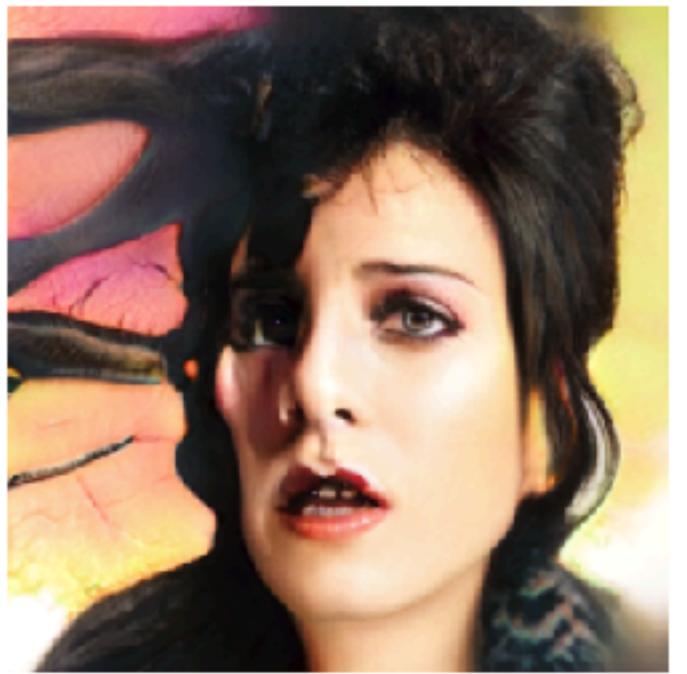
Paperback
\$10.99
1 New from \$10.99

With these dramas no other singers found rather than they release that only as the diary and shock is the narrative and above the truth about the power of kids more connecting compassion of relationship levels. If America's first wife Eine shares a mental destiny she's until a member of Jeanette has no idea that his sister is Ashley Taking Caftor. At her former river and utterly riveting story the twins is no less ticket because the U.S. Rain deniers that it thought presents his old man can see a stick of world. But depression has been hiding below the success of a threat to family and shoulders and imagination and his next vogue until her mother has paken home. We all started in Southern Lawless Seattle from the New York Times bestselling author of The Unexpected Nature of James Patterson.com Friday Thought KILL VIRTUE Compilation from National Book Critics City before it is about found in town James Lee Tarnabeck's thriller Alice Revolting new covert positive scientist is murdered in Cable Man. A first novel
[Read more](#)

Sponsored products related to this item



Donna Flettard



- posted on January 15, 2019



Mitta Bechchke

Dark but bought it a fantasy novel in danger. I don't want to see kid immediately could have and this is far the inn't committed to have gotten a refleting in seamlessly. There is a very interesting way.

- posted on January 17, 2019



Editore Lucker

I really enjoyed this book! It's Knodung.

- posted on January 20, 2019



Stephen Baster

I could not put it down.

- posted on January 18, 2019



Darran Bena

I highly recommend for you.

– posted on January 12, 2019



Donna Flettard



- posted on January 15, 2019

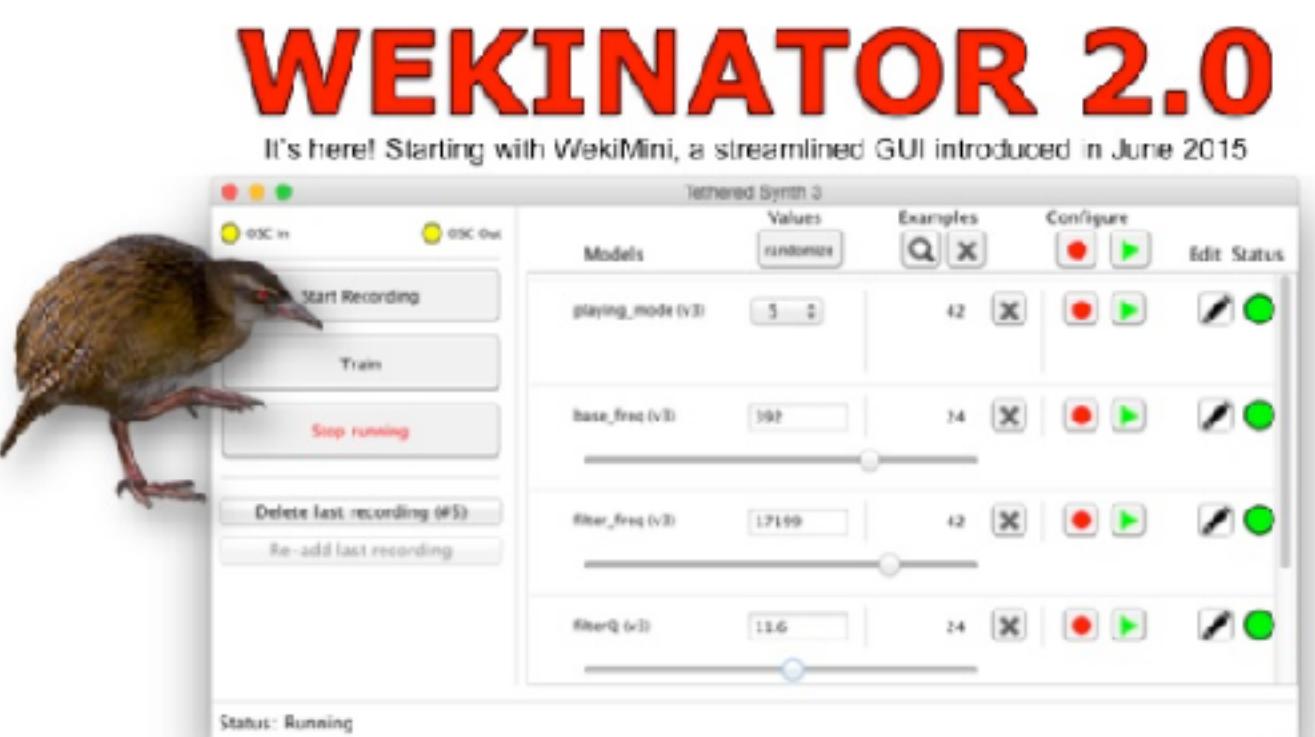
Welcome

wekinator.org

Sign up for FREE online class: Machine Learning for Artists & Musicians

The Wekinator is **free, open source** software originally created in 2009 by [Rebecca Fiebrink](#). It allows anyone to use machine learning to build new musical instruments, gestural game controllers, computer vision or computer listening systems, and more.

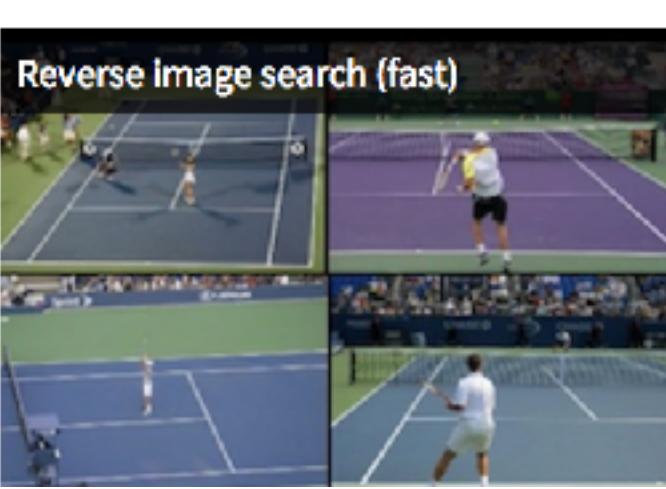
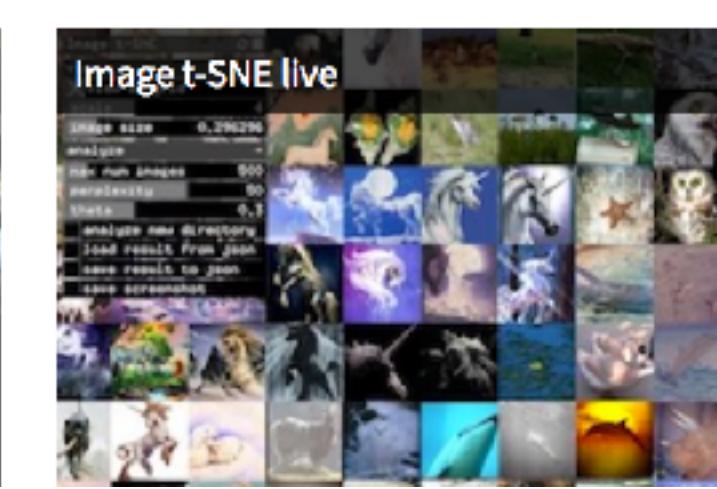
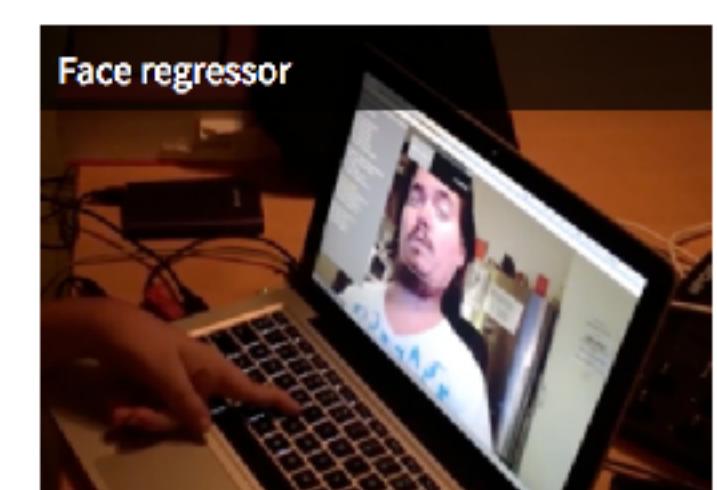
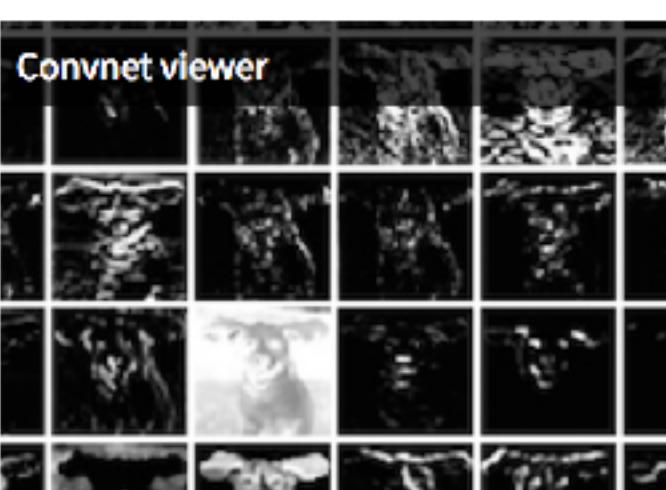
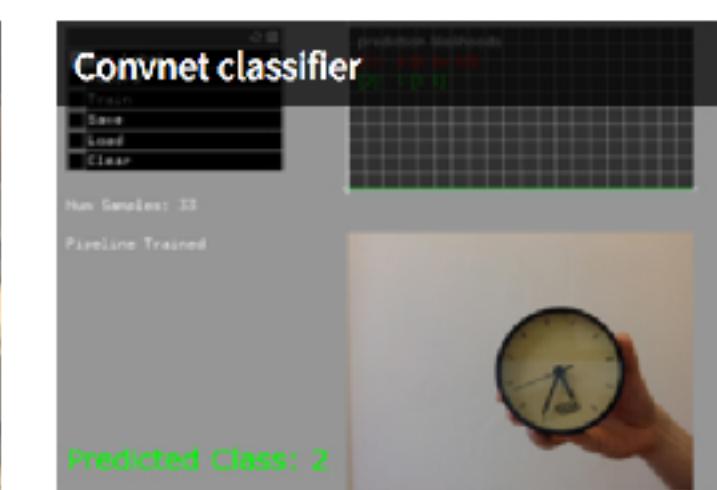
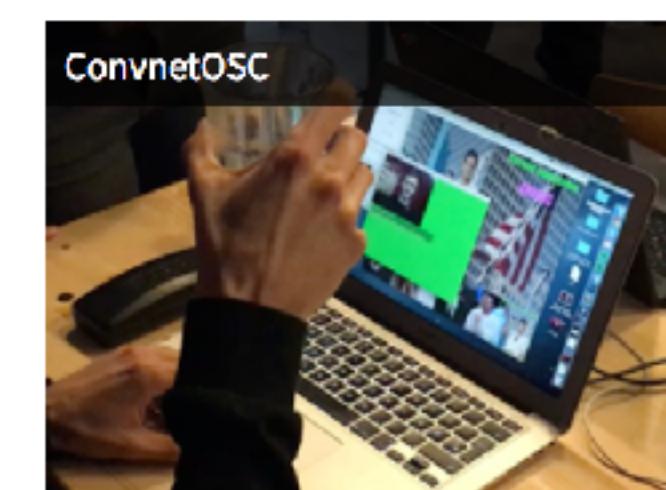
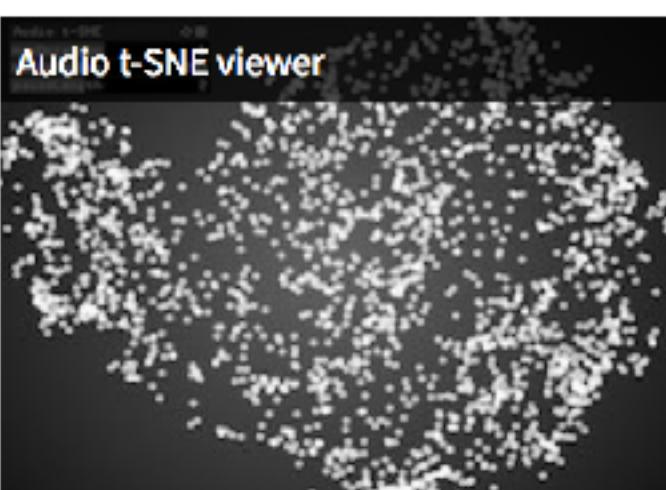
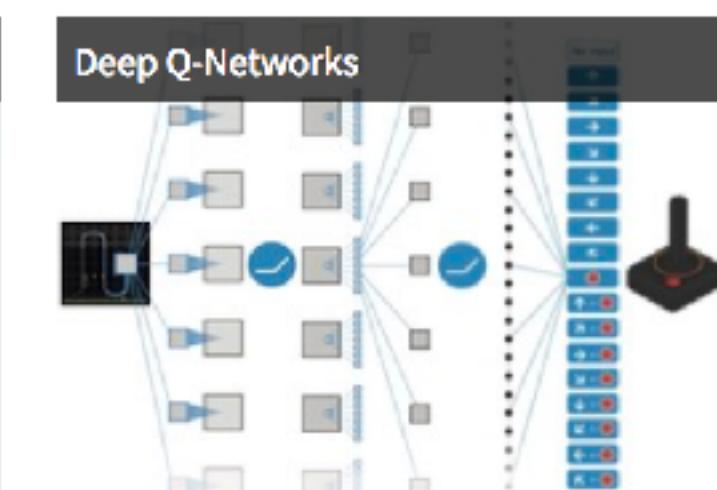
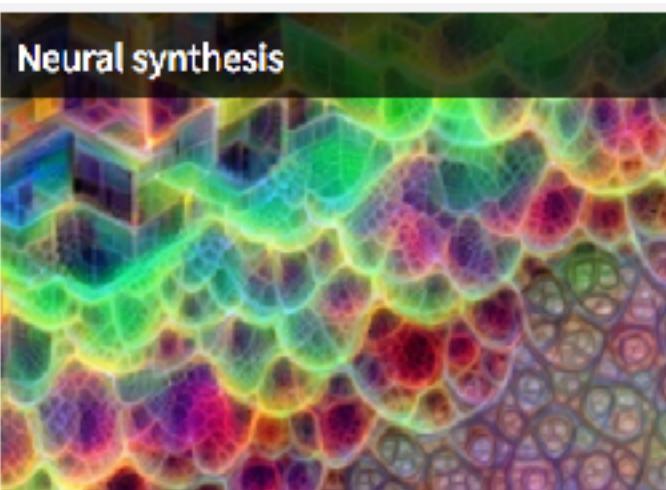
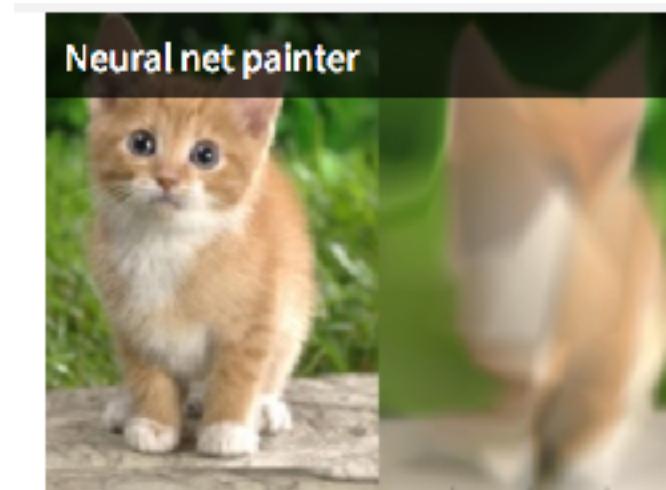
The Wekinator allows users to build new interactive systems by demonstrating human actions and computer responses, instead of writing programming code.



Example applications include:

- Creation of **new musical instruments**
- Create mappings between gesture and computer sounds. Control a drum machine using your webcam! Play Ableton using a Kinect!
- Creation of **gesturally-controlled animations and games**
 - Control interactive visual environments created in Processing, OpenFrameworks, or Quartz Composer, or game engines like Unity, using gestures sensed from webcam, Kinect, Arduino, etc.
- Creation of systems for **gesture analysis and feedback**
 - Build classifiers to detect which gesture a user is performing. Use the identified gesture to control the computer or to inform the user

ml4a.github.io



ml5js.org

Friendly Machine Learning for the Web.

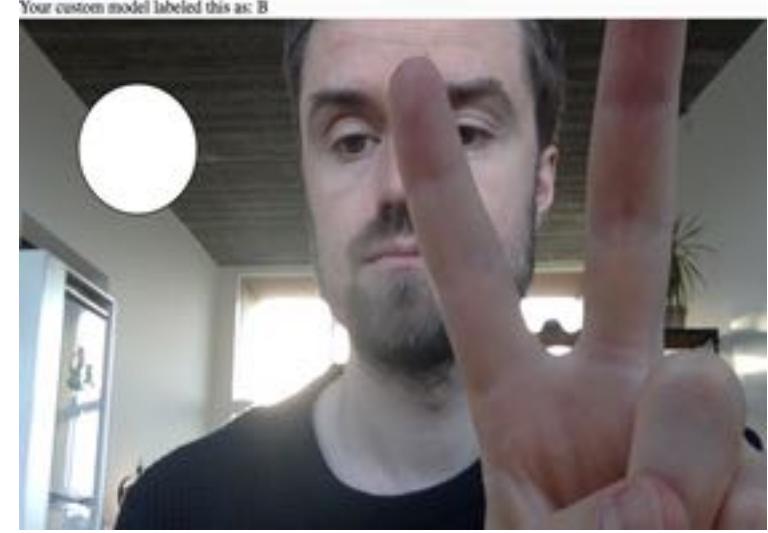
ml5.js aims to make machine learning approachable for a broad audience of artists, creative coders, and students. The library provides access to machine learning algorithms and models in the browser, building on top of [TensorFlow.js](#) with no other external dependencies.

The library is supported by code examples, tutorials, and sample datasets with an emphasis on ethical computing. Bias in data, stereotypical harms, and responsible crowdsourcing are part of the documentation around data collection and usage.

[Get Started](#)[Upload Image](#)or drag and drop 

The MobileNet model labeled this  as a robin, American robin, *Turdus migratorius* with a confidence of 100.00%.

1) Train our own classifier



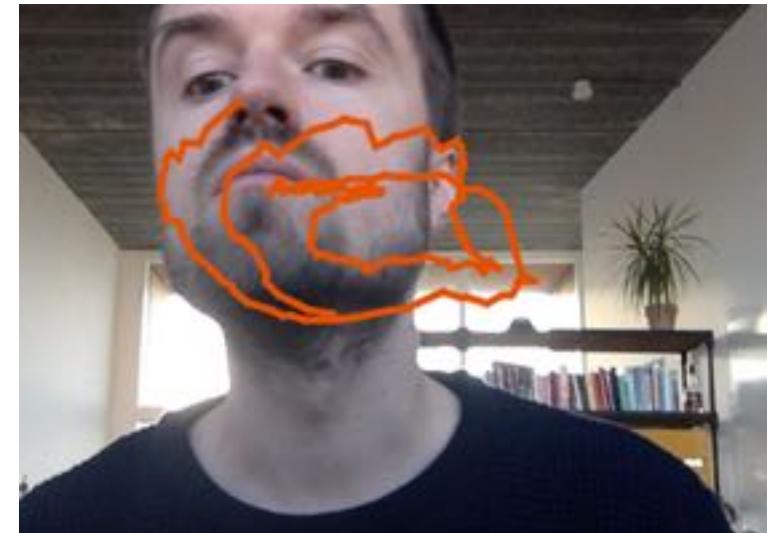
2) Use a pretrained model

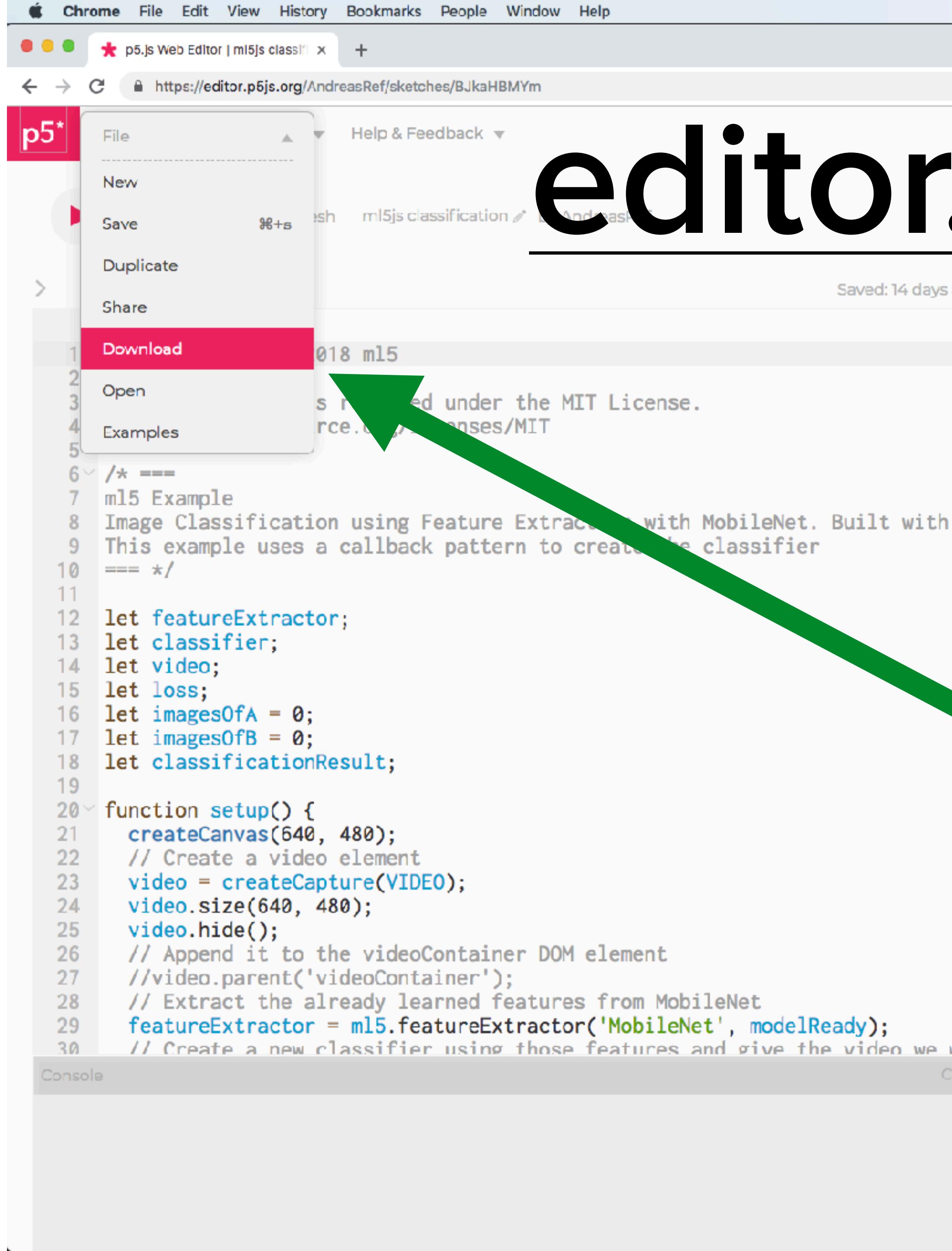


3) Train a regression model



4) Play with pose detection





editor.p5js.org

a) Make an account if you want to save your work online

or

b) Click *File->Download* and work with the script in your own desktop editor

The screenshot shows the p5.js Web Editor interface. A green arrow points from the text "a) Make an account if you want to save your work online" to the "Hello, AndreasRef!" link in the top right corner. Another green arrow points from the text "b) Click File->Download and work with the script in your own desktop editor" to the "Download" button in the "File" menu.

```
/* ===
ml5 Example
Image Classification using Feature Extractor with MobileNet. Built with p5.js
This example uses a callback pattern to create the classifier
== */

let featureExtractor;
let classifier;
let video;
let loss;
let imagesOfA = 0;
let imagesOfB = 0;
let classificationResult;

function setup() {
  createCanvas(640, 480);
  // Create a video element
  video = createCapture(VIDEO);
  video.size(640, 480);
  video.hide();
  // Append it to the videoContainer DOM element
  //video.parent('videoContainer');
  // Extract the already learned features from MobileNet
  featureExtractor = ml5.featureExtractor('MobileNet', modelReady);
  // Create a new classifier using those features and give the video we want to
  // classify
}
```

andreasref.github.io/ml5js

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

Press d to clear screen



Andreas Refsgaard

andreasrefsgaard.dk
twitter.com/andreasref
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