



Face Choreography

As a dancer, I have focused on choreography and expression for years.

This work is based on people's faces and emotions. I created a digital work to collect people's faces and generate emotions. It reflects the feelings of people and promotes empathy for people. Also explore the face as a form of

choreography and facial expression as a form of dance.

For now, it only has one person in the database. I invite you to be part of this work; feel free to leave your face and use your face to dance and express yourself. Feel free to edit the code files and let this project be more diverse and inclusive.

03/2023



Code Bias(2020)

I got the inspiration from MIT Media Lab researcher Joy Buolamwini.

I argue facial recognition should see diverse faces accurately, and a database contains people's faces, marginalised groups's people.



Code Bias(2020)

Inspiration

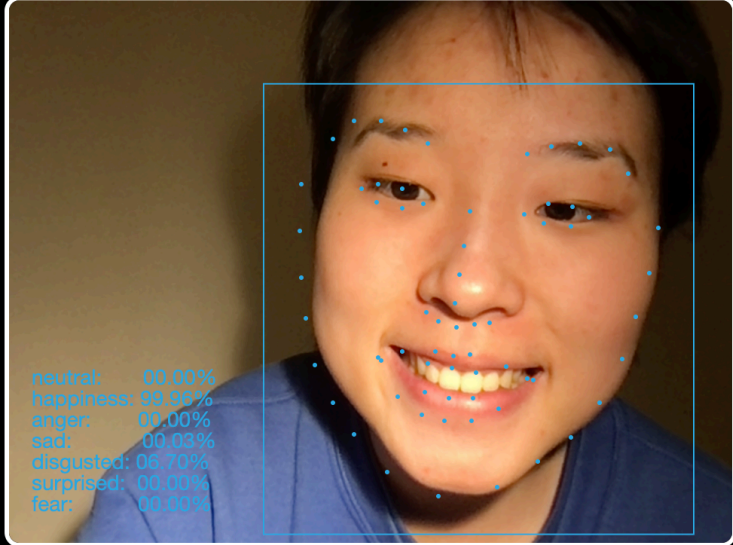
p5* File Edit Sketch Help

Auto-refresh To be seen by janewong

sketch.js

```
1 let faceapi;
2 let detections = [];
3
4 let video;
5 let canvas;
6
7 function setup() {
8   canvas = createCanvas(480, 360);
9   canvas.id("canvas");
10
11   video = createCapture(VIDEO); //
12   video.id("video");
13   video.size(width, height);
14
15   // from here: https://justadudewhohacks.github.io/face-api.js/docs/index.html
16   const faceOptions = {
17     withLandmarks: true,
18     withExpressions: true,
19     withDescriptors: true,
20     minConfidence: 0.5
21   };
22
23   //Initialize the model
24   faceapi = ml5.faceApi(video, faceOptions, faceReady);
25 }
26
27 function faceReady() {
28   faceapi.detect(gotFaces);
29 }
30
31 // Got faces
32 function gotFaces(error, result) {
33   if (error) {
```

Preview



neutral: 00.00%
happiness: 00.00%
anger: 00.00%
sad: 00.00%
disgusted: 00.00%
surprised: 00.00%
fear: 00.00%

Console

Clear

{withLandmarks: true, withExpressions: true, withDescriptors: true, minConfidence: 0.5}

<https://editor.p5js.org/janewong/sketches/9fTCrumEO>

P5.js

Emotion Recognition

CSS

Html

JavaScript

Codign Files

Comment:

So far, this database only has my own face
because I don't have the right to use other people's information.
But feel free to leave yours:)

Thank you!