



How can a design capture the unique data that humans express? The data that normally gets lost.

This is when I discovered p5.js, an online JavaScript editor created for artists and designers to code visual, responsive work. P5.js can easily import pre-built libraries. After researching and exploring the capabilities of different libraries, I discovered the ml5.js library.

The ml5.js library provides very easy access to machine learning algorithms and models - all I had to do to import the library and begin creating immersive experiences was to add this text at the top of my code.

```
<script src="https://cdn.jsdelivr.net/npm/ml5@0.7.2/dist/ml5.min.js"></script>
```

Machine learning offers computers the ability to codifying and quantifying the human in intimate and detailed ways not possible before.

I started by exploring the capabilities of the ml5 (machine learning 5) library. I used machine learning algorithms to recognise my face, detect my emotions, visualise all the joints in my hand and the rest of my body. I now had a tool that I could use to identify and create data that reflected more intimate aspects of the 'human'.

