

<Emotional cactus>

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Movie:

https://drive.google.com/file/d/1GW02rjKYacu4ynD6_AJiVcZ_CpE5ARQ_/view?usp=sharing

Code: <https://editor.p5js.org/soominsion/sketches/w1Ge9EOEg>

Since interesting dolls are popular at the end of the year, I made a version of dolls that can be deepened and interacted with users a little more. Unlike the previous version that imitates the user's words, a toy that can read the user's facial expressions was created. A cute motion of dancing while talking was also added.

Machine learning was worked using the model ML5 in p5, and the facial expression at the beginning of recording was recognized. Accordingly, the pitch was adjusted so that the voice came out differently so that the doll could imitate the user's emotions.

