

# Remo Holo

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## Intro

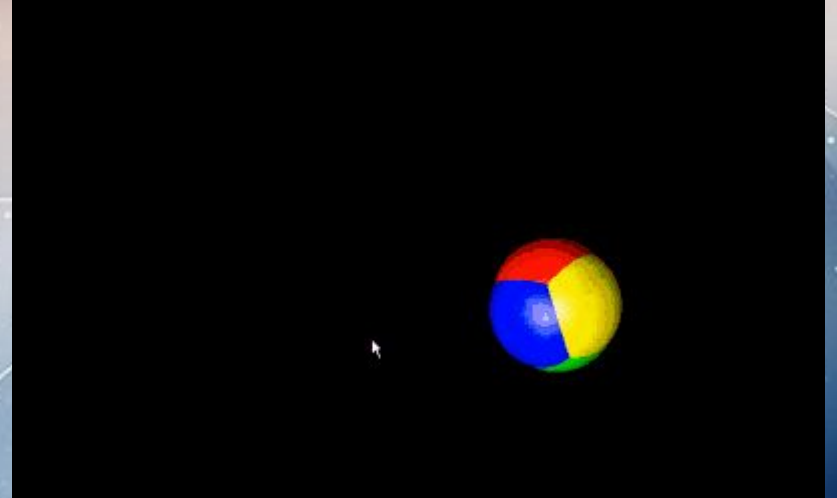
Remo Holo is a  
gesture control  
display that  
react to music  
using machine  
learning.

## Context

The user can interact with the shapes on the screen instead of only viewing it on the screen.

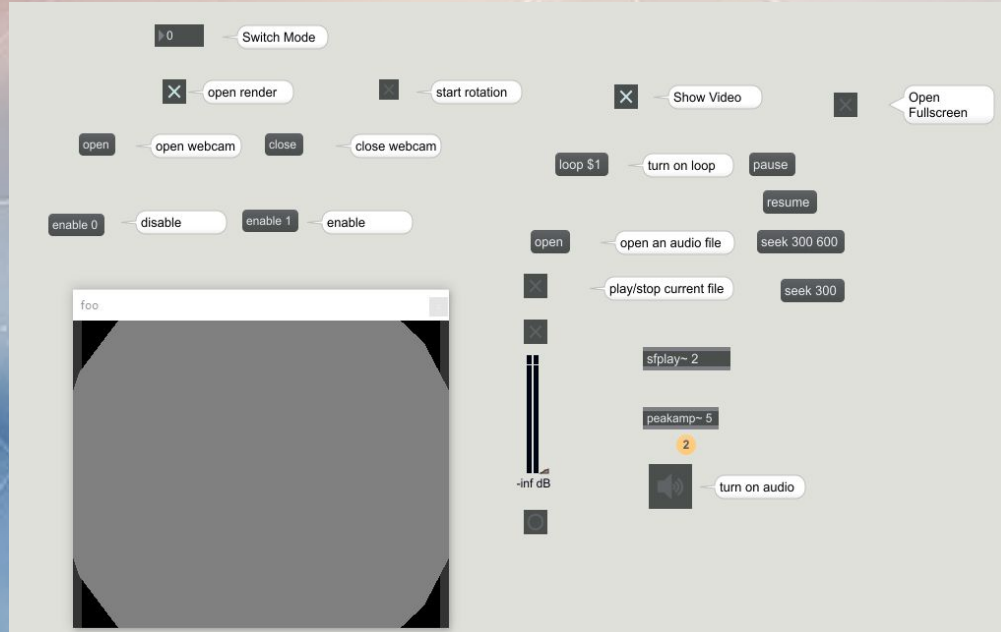
## Motivation

I wanted to duplicate  
the Windows 98  
screensaver that  
moved and rotate .



# How it Works

Four shapes can be chosen on the screen and you can allow the shape to move, rotate and react to music using hand gestures created using leap motion.

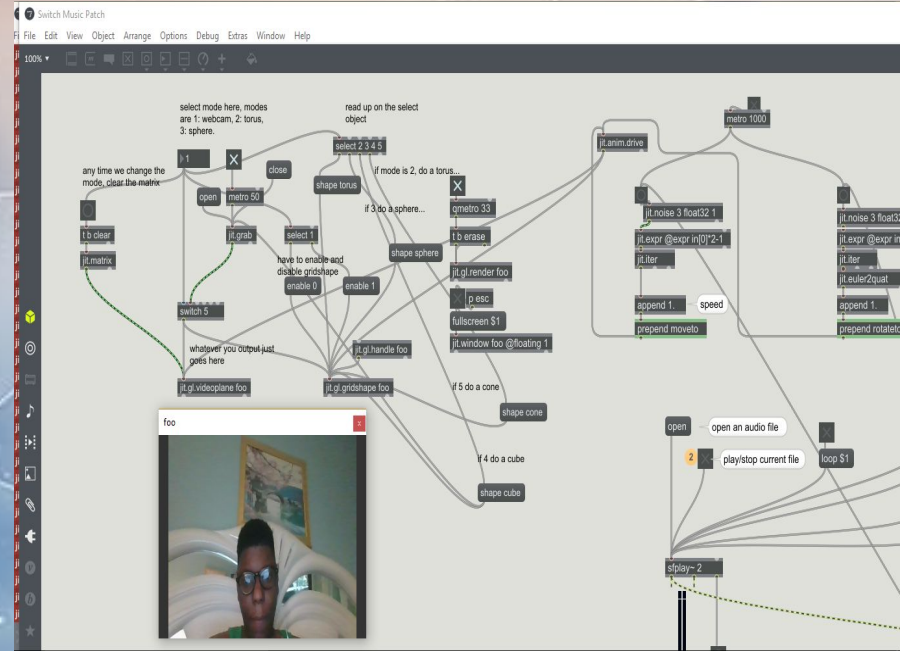






# Solution

Remo Holo allows the user to become a part of a visual experience which involves machine learning. The user is in control of what appears on the screen.



# Leap Motion

Leap Motion is a sensor device that supports hand and finger motion as input.





## Max 7

Max MSP is a visual programming language that helps you build complex, interactive programs without any coding experience.



# Challenges

A Max patch called `aka.leapmotion` which allows the user to train various hand and finger gestures inside of Max MSP did not work for windows only for Mac computers. I spent hours with my advisor trying to find a Windows solution but none was available.



VS.



## Conclusion

My field is Emerging Media Technologies and I would like to become a UI/UX design. This project can be used for musical performances where the artists can have visuals that the audience can associate themselves with and if I familiarize myself more with Max MSP and leap motion I could promote this project as a stage performance piece.

## Disclaimer

There will be a webcam that will be turned on and off once the webcam has been chosen but it would not store any images captured.

