

Holograms

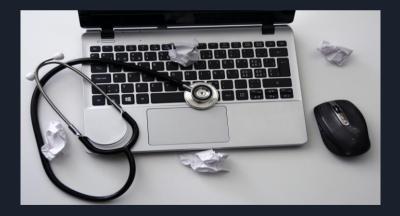


By: Advaith Pranav

The Problem

How can look at complex visual information that the human eye cannot see without having to use a lot of equiments and expenses?





Possible solution(s)

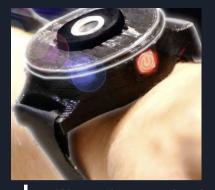


Solution number ONE: Use Holograms to see them with

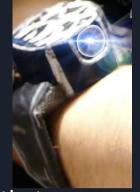
Solution number TWO: Use 3d computer graphics software to rebuild them and then see them (blender) or (maya) etc.

Solution number Three: Using agumented or virtual reality glasses and the make the visual information





The Plan



will make a a holographic watch that can fit in my arms or wrist that can project holographic things from you device. This will work becase a small mini wif projecter and a car humidifier i can make the mist from the car humidifier act like a screen and projecter to project on it.(materials that are used https://www.amazon.com/AAXA-Android-Smart-Pico-

Projector/dp/B072QDGKLZ/ref=sr 1 4?dchild=1&keywords=Mini+projector+cube&linkCode=sl2&linkId=524cb

cc8072263c1d42d4a525f585206&qid=1590795640&sr=8-4 https://www.amazon.com/MIGHTYDUTY-

Humidifier-Aromatherapy-Essential-

Freshener/dp/B07D6LZTNP/ref=sr_1_18_sspa?crid=3OYS52KP7GZ1S&dchild=1&keywords=car+humidifiers &gid=1590795717&sprefix=car+humidi%2Caps%2C222&sr=8-18-

spons&psc=1&spLa=ZW5jcnlwdGVkUXVhbGlmaWVyPUFMM1ZGQVJYUkFLMzYmZW5jcnlwdGVkSWQ9QT A3OTM3MjU5Tk5KRExIVDRCSVkmZW5jcnlwdGVkQWRJZD1BMDkwNTY1Nzk0SjNEUUlWN0UwQiZ3aWRn ZXROYW1IPXNwX210ZiZhY3Rpb249Y2xpY2tSZWRpcmVjdCZkb05vdExvZ0NsaWNrPXRydWU=

Creating my Solution

I built my solution by using a car humidifier and a mini wifi projector. So first I took apart the casing for the mini wifi projector the 3d printed housing for the mini projector that could fit in my arm then took apart the car humidifier then I again 3d printed housing for the humidifier that could fit in my wrist because I had to use 2 different housing so that the projector can project on the mist made by the humidifier. After that, I connect a

the projector can project on the mist made by the humidifier. After that, I connect a cellphone to the mini wifi projector and project a random picture I found and I saw that it was working it is just that I have to make it more compact so I only need one housing for both the projector and the humidifier. As you can see at the bottom i had to wear the projecter on my upper arm and the humidifier on my wrist.



Improving My Solution

I can iprove my solution by making the holographic watch more compact and make suer that both the projecter and the humidifier can fit in one housing.





