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Cart 353
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January 16th, 2018

50 ideas

1. Visualisations of the energy repartition of various living organisms using an energy sensor. Ex: plants, trees, animals, humans etc.
2. Sound production in relation to the colors detected in an environment using an RGB color sensor.
3. Music production using the keys pressed in a computer keyboard while someone is writing.
4. A visualisation of ambient noise using the library PixelFlow
5. A visual distortion of the data of a live video capture.
6. Sound production using people's live tweet through a distortion of text to speech.
7. A dynamic city map which display random objectives to run to or visit each day using gps location.
8. A dynamic map in which a dot would light up from a location when someone posts a tweet.
9. Visual Recreation of someone's physical body in 3D but with a different texture using data from the Kinect.
10. Visual recreation of someone's physical body with the words they said throughout the day using speech to text and Kinect data.
11. Visual representation of sound in a visual 3 dimensional terrain which flows and undulates over time.
12. Music generator using the hand as an instrument through the Kinect tracking.
13. A dynamic space visualisation which requires user input as body movements (using the Kinect) in order for the particles to move.
14. A sound generator using distorted readings of your emails through text to speech.
15. A visualisation of the path you travel each day using GPS coordinates.
16. A ghost-hunting augmented reality game which uses GPS coordinates of the user's location.
17. A visualisation which changes color depending on the weather outside using a temperature sensor.

18. A dynamic art piece which uses the visual data of the websites you have visited throughout the day in your browser history.
19. An auditory piece of all the words you type on the internet during the during by using text to speech.
20. An app which would determine how two people's child would look like using facial recognition.
21. A music generator which would requires the input of a chord or note and would then show a selection of notes or chords that would sound good with the input.
22. An app which would take singing notes as an input and would visually represent them on a shaft. The app would automatically write down the notes that the user sings.
23. A trivia game which would show personally designed questions using user input. It would serve as a great studying tool.
24. A graphical visualisation of your hearth beat through the day using the data of a pressure sensor attached to your wrist.
25. A visual representation of your breathing patterns and movement through the night using a pressure sensor and the Kinect.
26. A visual representation of the ambient sound using recognised frequencies.
27. An augmented reality speed runner game which would require the user to physically run and jump in order to pass obstacles.
28. A music generator which would rely on the physical movements of the body detected through the Kinect to produce specific sounds.
29. A cartoon generator which would draw your face as cartoon using facial recognition.
30. A visualisation of the amount of daylight outside using a light sensor.
31. A visualisation in bigger size of snowflakes using a sensor to detect the shape of the snowflake.
32. A sound generator which would use the speed and pressure of the wind to produce specific frequencies.
33. A dynamic map which would generate different paths to a chosen destination in order to view new sights in the area.
34. A platform game which requires voice input for the character to jump. The user has to sing specific notes depending on the color of the platform.

35. A music generator which requires the user to draw on a tablet to produce various sounds.
36. A visual graphical representation of the temperature variations through the day using the data from a temperature sensor
37. A visual representation of the websites you visit the most in your browser history.
38. A music generator which creates rhythm based on your walking pace and the steps you take.
39. A visualisation which would create dynamic 3D objects with the properties of the user's voice.
40. A projection of moving particles representing the ambient sound of the room.
41. A color visualisation of the snapshot of my computer's physical memory.
42. A 3D print of a visual 3D filament flow representing the path of the sounds heard in a natural environment (ex: a forest including birds, wolves, the winds, etc)
43. A projection of moving shapes resizing depending on the heartbeat of the person.
44. A live visual representation of all the sounds heard inside a metro station.
45. A physical bag which inflates and deflates with the help of a fan according to the user's breathing pattern
46. A 3D visual terrain which fluctuates depending on the pressure applied to a ball (using pressure sensors).
47. A visual projection on the wall of the text the user has written on his computer the past week in disorder.
48. A 3D visual representation of the user's face with dynamically changing textures.
49. A visual projection of the path of sound in a closed room using sound sensors.
50. A projection of birds in a room which fly in the direction that you move using the Kinect to detect the body.