

Dance with your Ghost

Digital Interaction Narratives & Film

I am interested in Digital Media Art. I have been trying out different ways of expression and story telling. I'm also doing some research on embodied cognition in psychology.

"Dance with Your Gost" is a project that uses Lidar of ipad to scan of objects in life, reconstructing the details of experience, using digital art and interactive to tell about my story. I abandoning the traditional Chinese patriarchal society's definition of female need "obedient, white and thin". I chase strength and power, training crossfit and pole as hobby. But accidental of left knee ACL injury, through my painful struggle and self-healing process, I realized that the strength of the mind is just as important as the strength of the body. Body and mind interact.

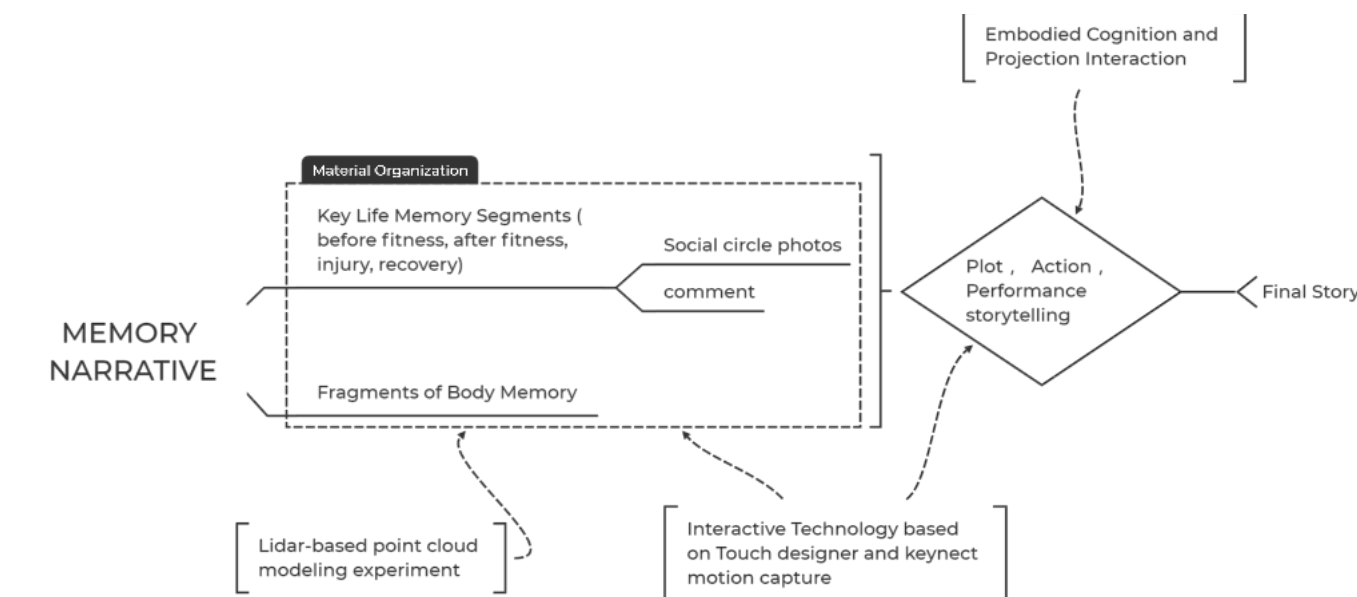
It is hoped that through this project, it is possible to explore the narrative and coversation in the time dimension based on the digitization of virtual images in the digital screen space, 3D points cloud portraits, life fragments information.

INSPIRATION

Can I tell my story this DIGITAL way by 3D scanning and creating a interactive space to tell the story after my knee ACL accidental injury? With the help of the "point clouds" I create a space where the present self and the past self and fragments of life can talk to each other.



MINDMAP



RESEARCH

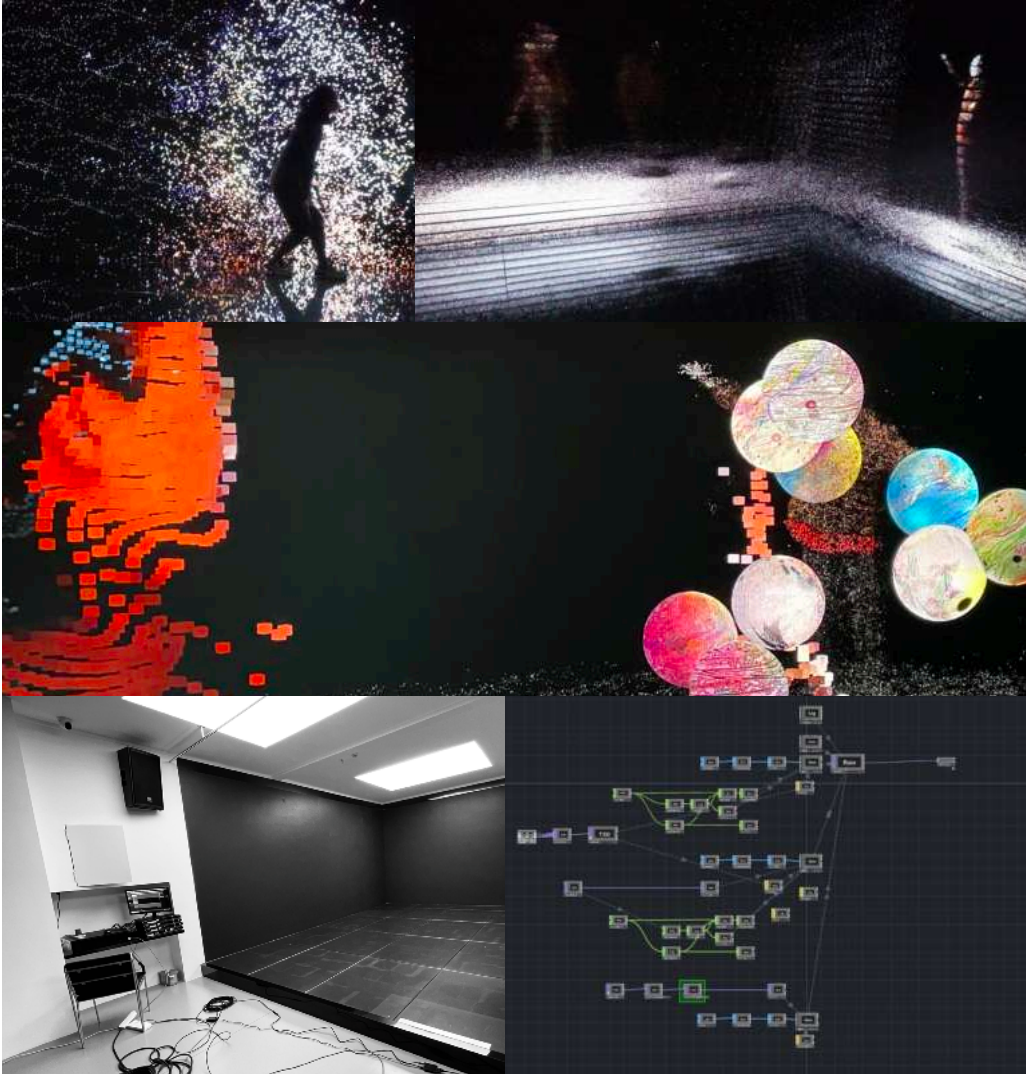


The supporters of embodied cognition and embodied cognition theory emphasize the active and important role of the body in the formation of cognition and the understanding of the individual's mind and cognitive abilities.--- Varela, Cognition depends on the various experiences produced by the body with different sensorimotor abilities. At the same time, I also did research on the art of physical expressionn and embodied interactive art .

EXPERIMENT



I try to use IPad Lidar to capture objects and space scenes of different sizes, It also turned out that the “ghost” effect created by scanning objects in motion also has a corresponding artistic.



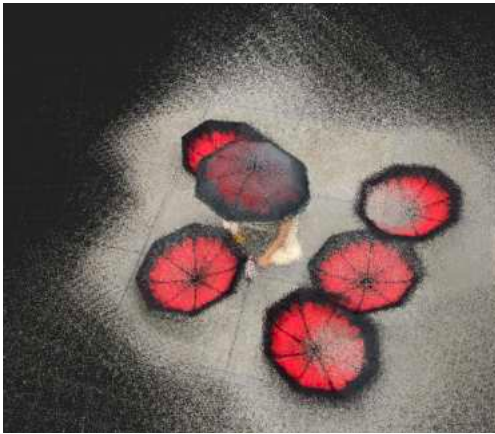
With Touch Designer software and Kinect motion capture device hardware, I created the platform which can make my own point cloud image in the past, real myself and my real-time avatar can “talk” to each other . For a more immersive spatial effect in storytelling, I chose to use a LED screen in an L-shaped room.

CREATE OF THE STORY

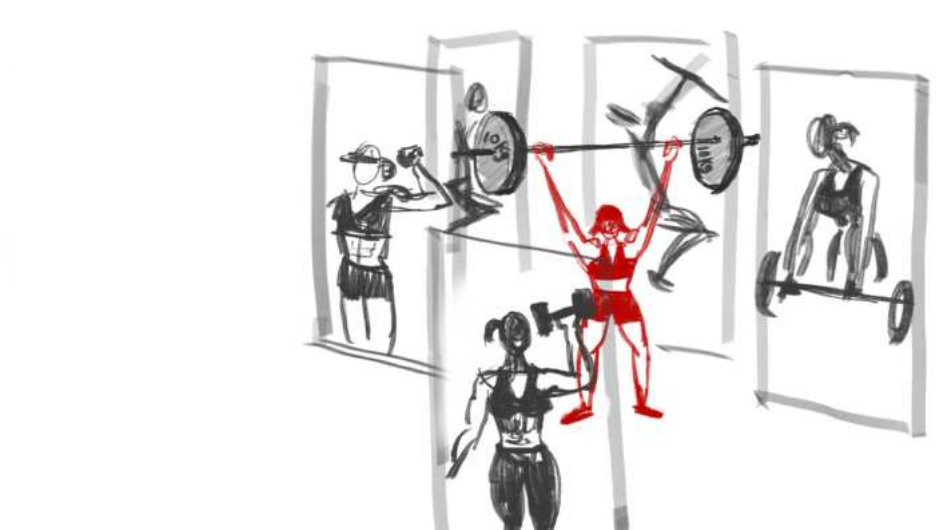
Social Circle



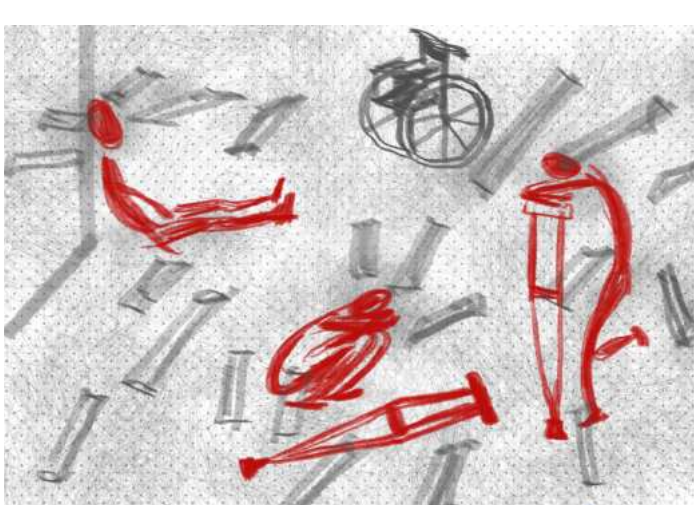
Scan of Key body movements and scene memories in the past



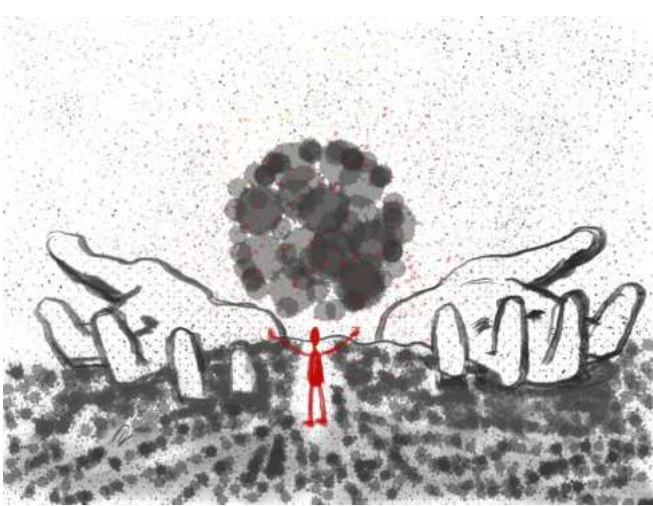
Scence1 Innocent



Scence2 Power



Scence3 Struggle

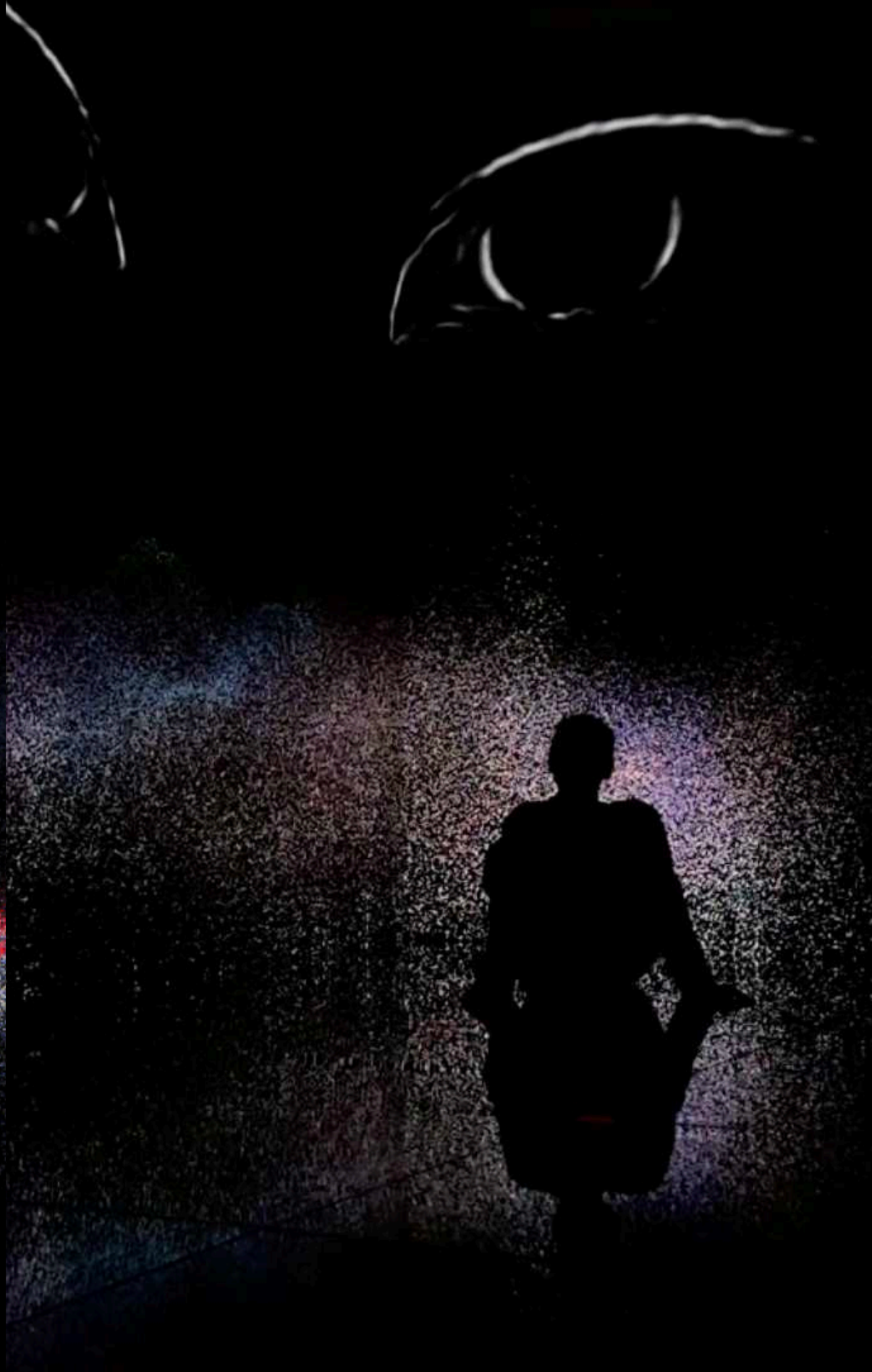


Scence4 Rebirth

"Dance with Goest" uses 3D scanning tech to get the movement and spatial scenes of past experience, and with incorporate the life fragments of the social circle into them. My real body goes through different scenes (innocent, power , struggle, rebirth) and interacts with the past self to complete the narrative.

SCENE 1

Before I trained crossfit, I was unaware of it, and I was shaped into a female role defined by the patriarchal society in traditional Chinese culture. In fact, this role does not encourage women to have our own personality, the mainstream aesthetic advocated tends to please men, and sacrifice ourselves for the family. Now I went back and hugged her as a friend.

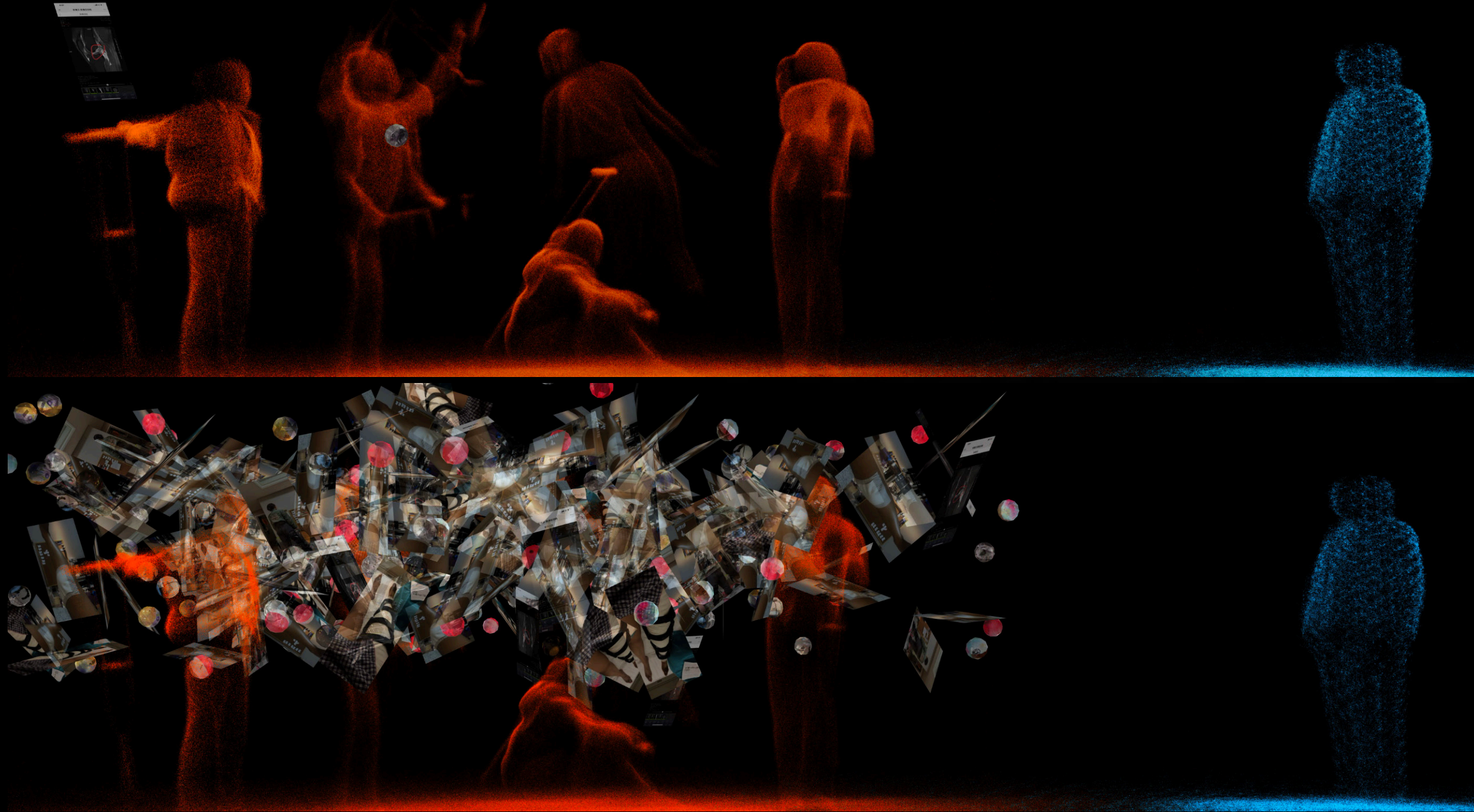


SCENE 2



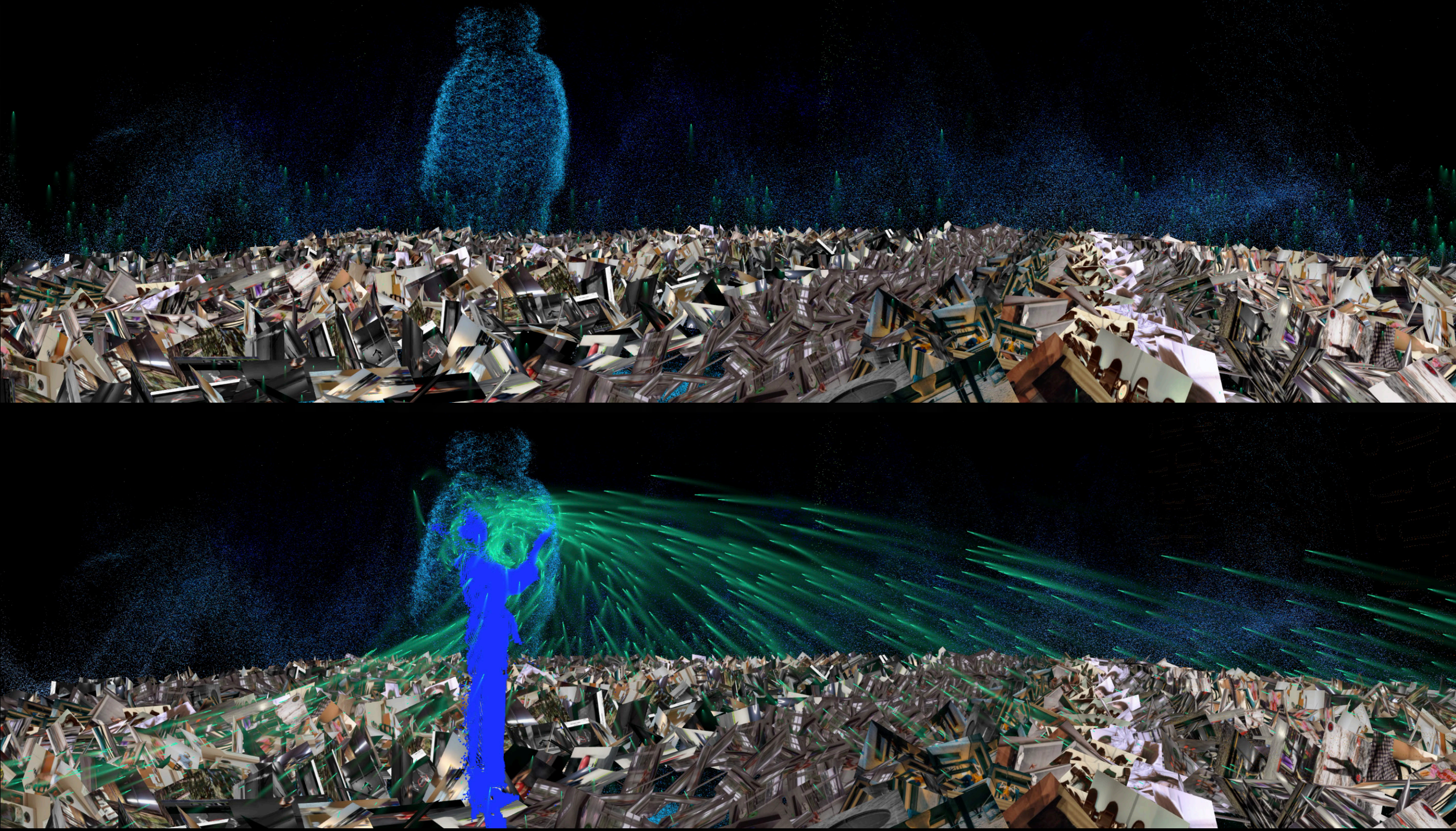
I am eager to break through and be stronger, to break the shackles; these shining moments, I use them to express my sense of power in my moments of training and self-actualization.

SCENE 3



This scene collects fragments of life after the injury. The continuous scene is formed into a three-dimensional space by the rectangular screen. Red and blue colors are used to distinguish between the chaotic negative emotions and the calm recovery phase. The calm blue dot cloud stares at the chaos and depressed self after the knee ligament injury.

SCENE 4



In this scene, the current me and all the sharp past have become a part of my growth. "Whoever can't kill me will eventually be strong for me." Drawing strength from the past life allows me to pass through every 9 3/4 door of the future and explore a new awesome world.

INTERACTION BETWEEN THE REAL, THE AVATAR
AND THE POINT CLOUD BODY

1. Embrace the innocent child



3. Calmly with the struggling self



2. Admiration of the strong self

4. Drawing power from the past



THE VIDEO OF STORY " DANCE WITH THE GHOST"



With the Kinect hardware technology, I can get back in touch with the life in the point cloud in real time, which creates a strong interest in me to touch the past life, so I have this mood to go through this scene and complete the movie.

Summarize
This is a piece of my work that reflects my experiences from upbringing, from insecure me to physically strong me, but an accidental injury made me feel that my inner needs are as strong as my body, so I continue to explore. I hope that through the following studies, I will use artistic creation as a means to make my heart and body stronger and more self-expression to help people in need.