



CS5245 Project

The making of the video

Starting

Top layer the video of the person behind blue screen and having the background rubber floor video.



Keying out the blue screen

Keying out the blue screen with color keyings and applying spill suppressor on it

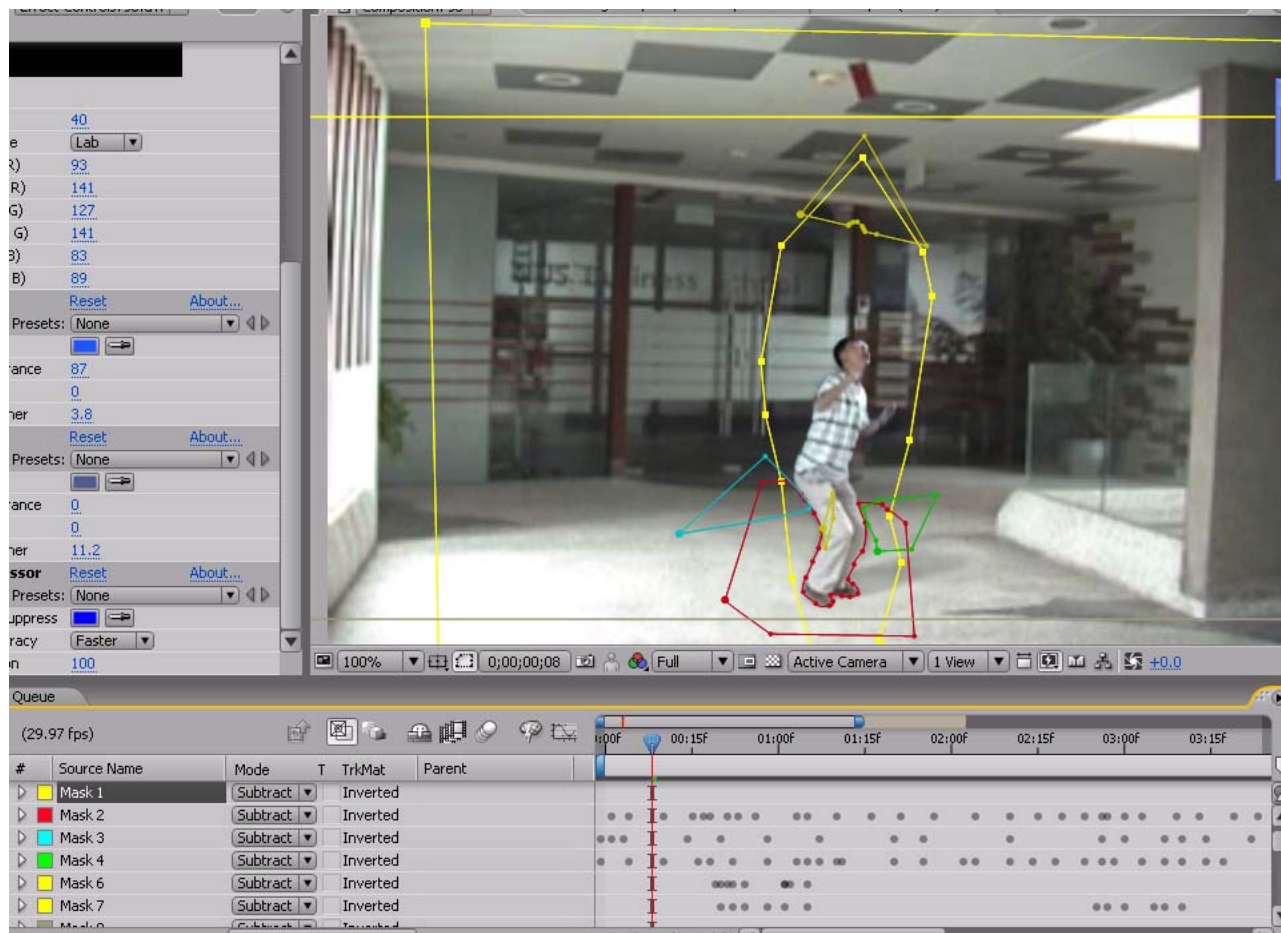


Blue screen too small



The hand and leg was out of the blue screen in part of the video and the colors of the leg are similar to the background. Due to realizing very late and we have no time to retake the video again. I used masking instead.

Masking



Now only left the region near the legs and part of the hand to be masked out. The other unwanted parts can be masked easily. Then animated the mask according to the motion of the human. A total of 9 mask was used.

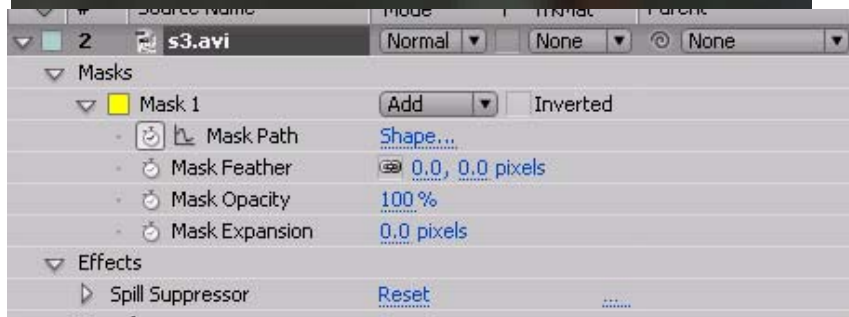
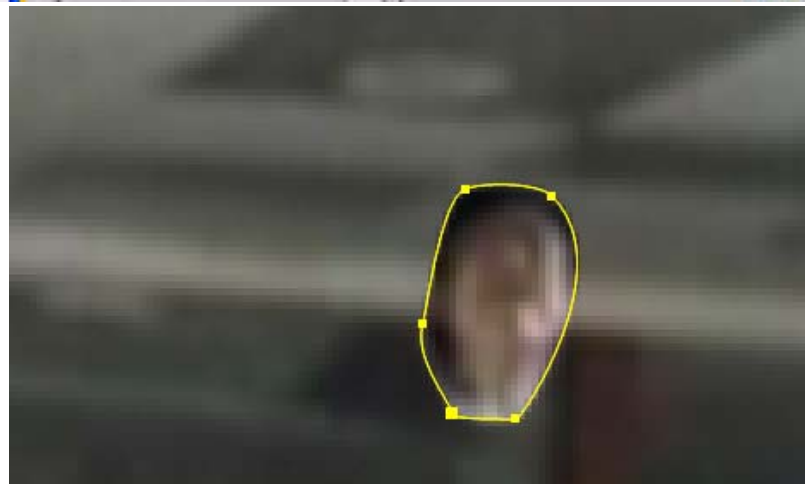


Recovering missing parts



Part of the hair went missing when keying, but adjusting the keying was unable able to help to recover the missing part unless part of the blue screen is not keyed out.

Recovering the head



Copy the video layer and paste it behind the main video layer

Do spill suppression to remove those blue spills from blue screen and mask out the part of the head that is missing. Make the opacity of the video 0% when such masking is not needed



Recovering the head

Before



After



Colored water effect



Screen captured a video from Microsoft Media Player and put in onto of the water pouring scene.

Colored water effect

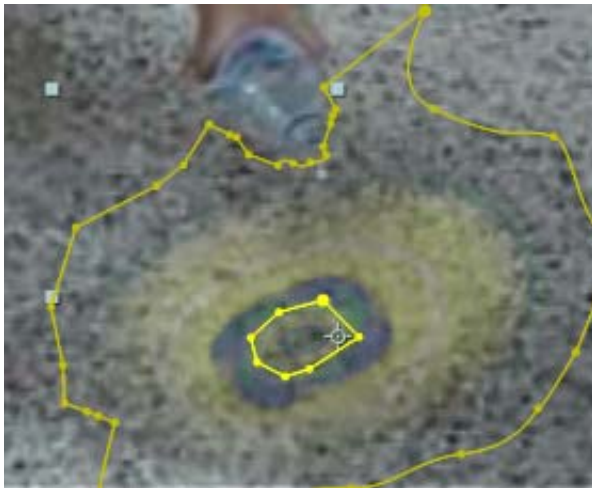


Key out the unwanted color from the video



Animated the video's opacity, size and position

Colored water effect



Animate a feathered mask around the region of the water to simulate the water spreading and covering it from going above the hand and bottle.



Done.



The end

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