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"Bullet Time" Made Possible with Raspberry Pis AUSTIN FREEMAN, JONATHAN HEATH, TALON BROWN, ANNIE DICKSON-VANDERVELDE, Francis Marion Univ — Our SPS group at Francis Marion University has built a bullet-time camera apparatus using Raspberry Pi computer boards. After completion, we plan to use the apparatus for high school outreach. Bullet-time, made famous by "The Matrix," seemingly freezes time and pans around a subject. In order to create this effect, Raspberry Pis are accessed remotely and sent commands to tell them when to begin taking images. The images are then sent back to one Raspberry Pi, where they are placed in a certain sequence to create a video. This process is described in more detail on PiFace Digital's website.[1]

[1]http://pifacedigital.wordpress.com/2013/12/06/bullet-time-effect-frozen-pi/

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