

Existing Solutions and Our Ideas

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1 Problem Description

Suppose you wish to create a recording of yourself as you move around and do activities. Usually, you have a middle man that is between you and your camera so that they can control the camera so that it is continuously focused on you. However, it is not always the case that this cameraman is available to help you film yourself.

2 Problem Solution

To eliminate the need for a cameraman, a camera is first placed on a custom mount. Then from reading the inputstream of the camera, software we track your motion displacement and control the mount to follow your motions. The mount is capable of rotating along a horizontal plane and a vertical plane.

3 Existing Solution

3.1 SoloShot

3.2 Swivl

3.3 AlMe