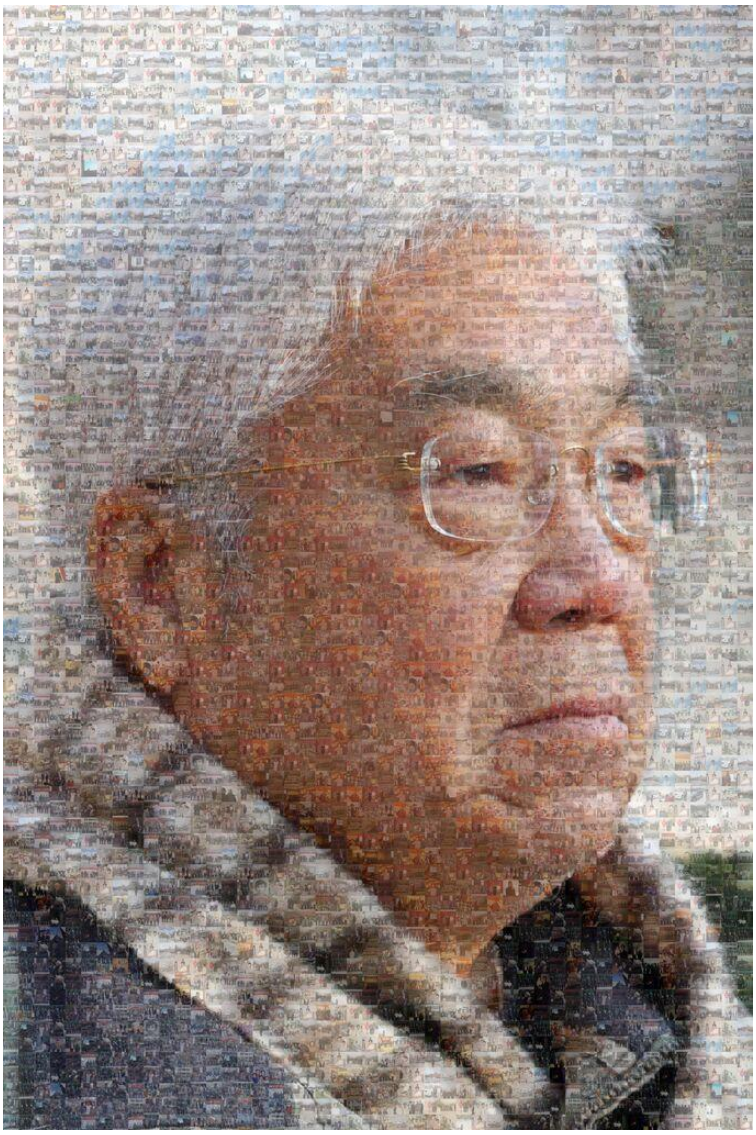
MOSAIC IMAGE

Mosaic image was created by multiple small pictures to replace one or more pixels in a large picture.

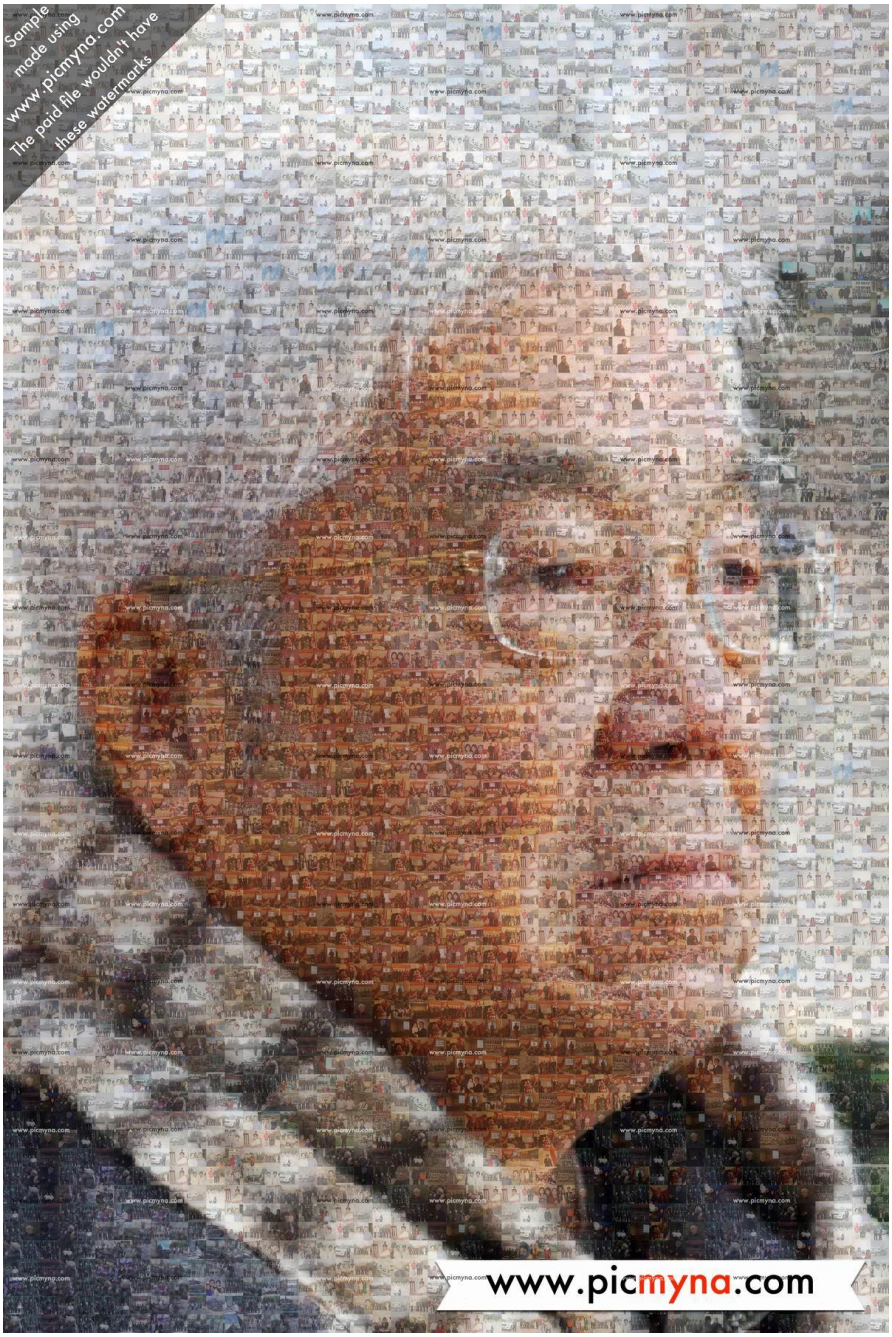
Three such websites tried:

https://mosaically.com/



https://www.easymoza.com/

https://www.picmyna.com/online-photomosaic-maker.html



This website also has the desktop version with more controls.

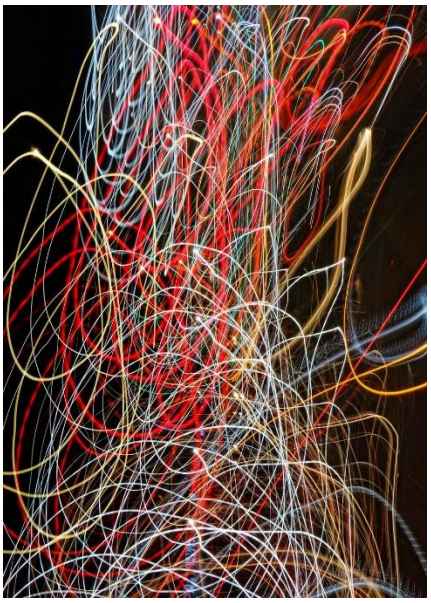
Two issues to evaluate a mosaic algorthom:

1. Better image quality (both big image and small images)
2. Evenly distribution of small pictures

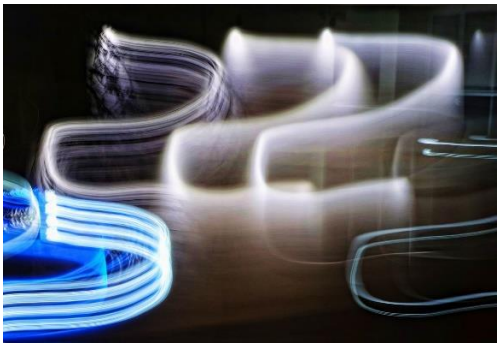
MOTION ORIENTED PHOTO

Moving camera or lens during the exposure time (get a long exposure time with small aperture and ISO).

1. Research of the Image Effects by the different motions:

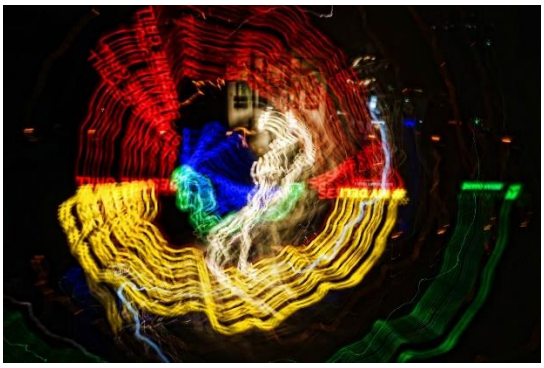


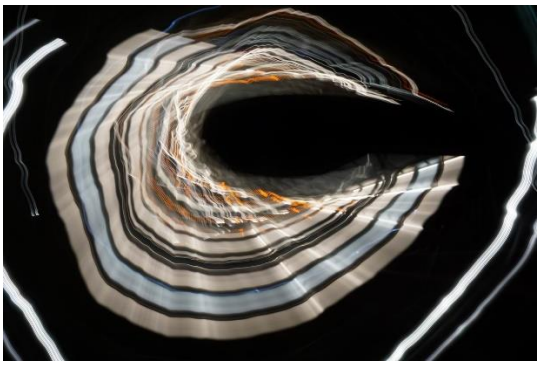
Random



Wave

Circulation

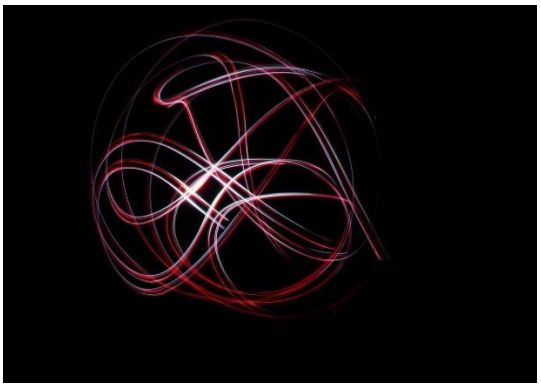




Rotation

Straight with fireworks


Zoom

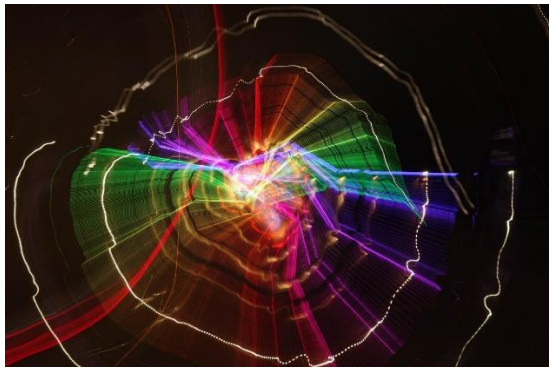


Flash light dancing

Zoom+Rotation

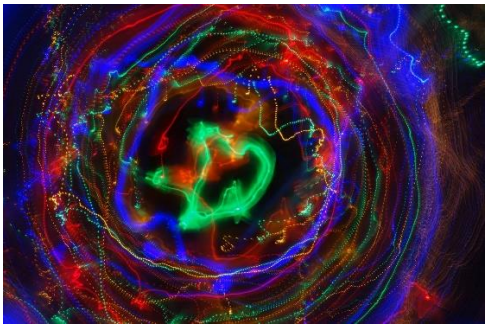
Please note that, those pictures were token manually and the corresponding motions were very limited. With the image processing software, we are expecting the more complicated motions and more interesting image effects.

2. Research of Image effects with different targets

The neon lights in a restaurant created the color variations when rotating.


The warm temple lights created a golden effect

These are some interesting targets (left) which have present the very interesting motion effects (right). However, many color transformations for the given pixel(s) in some ordinary photos will create even more interesting results.

More interesting motion results took from the variety of targets.