

Artist Name: Ellie Braun

Title: Sunrise Sunset

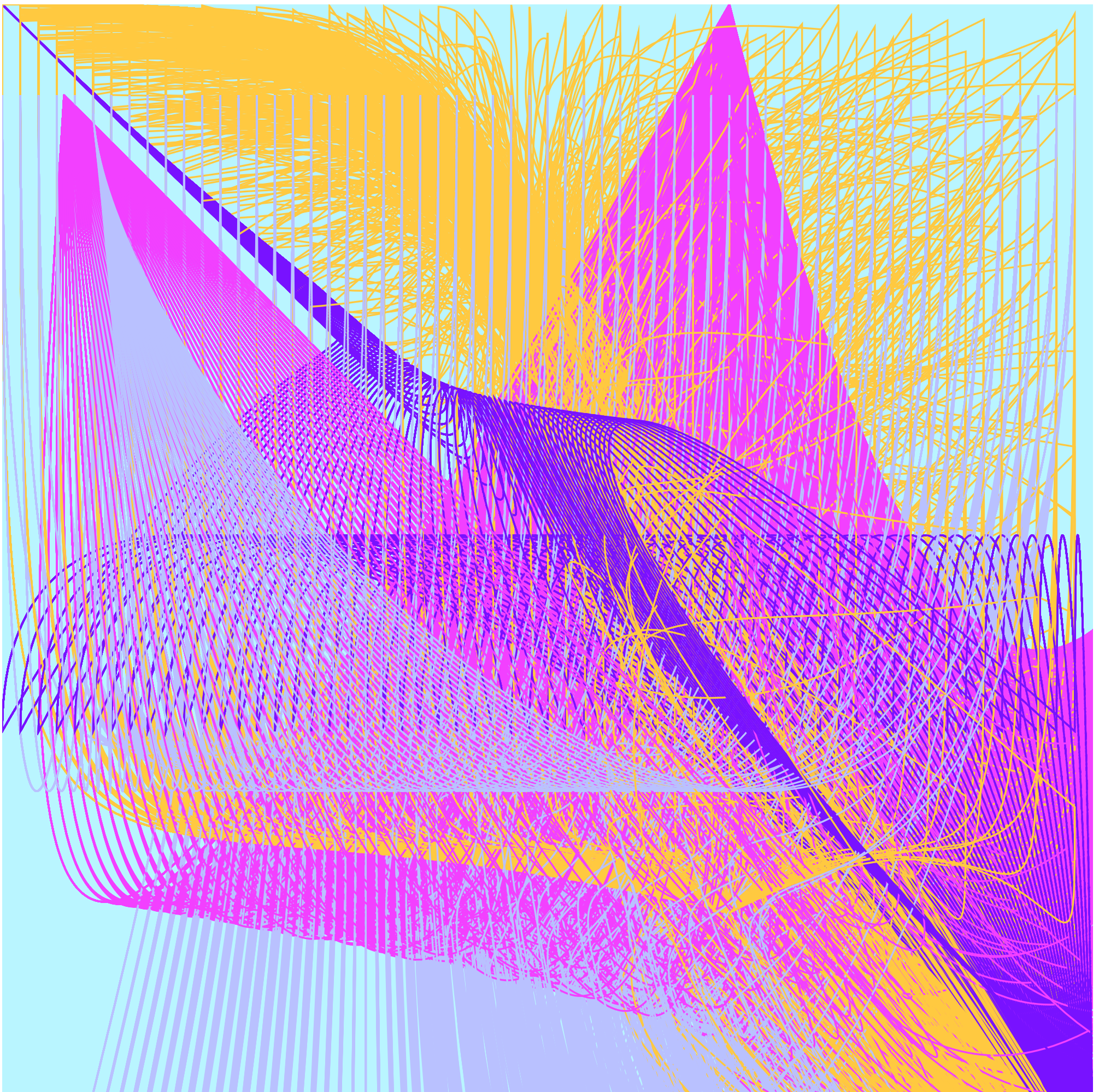
Medium: Generative Drawing and OpenCV

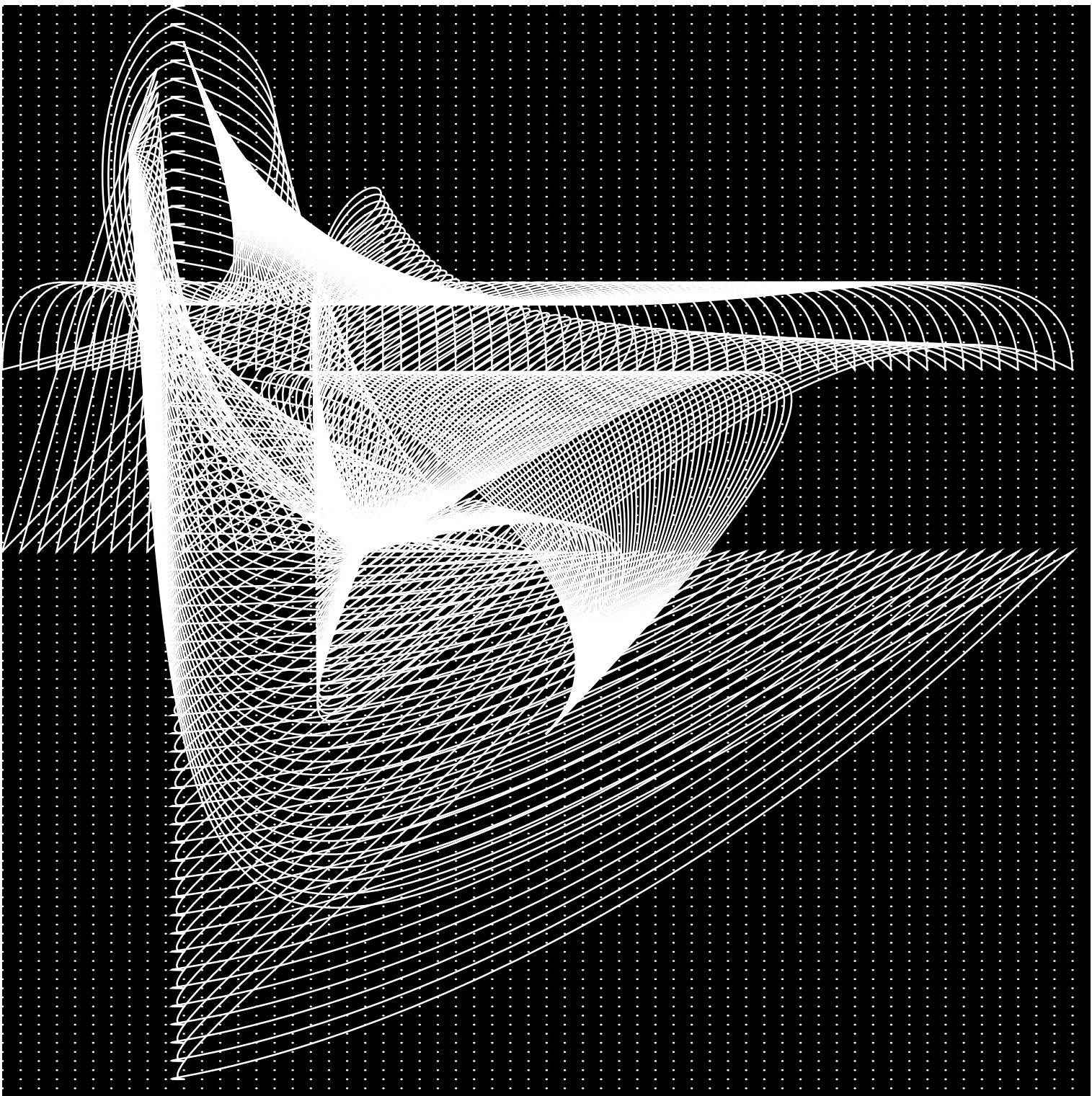
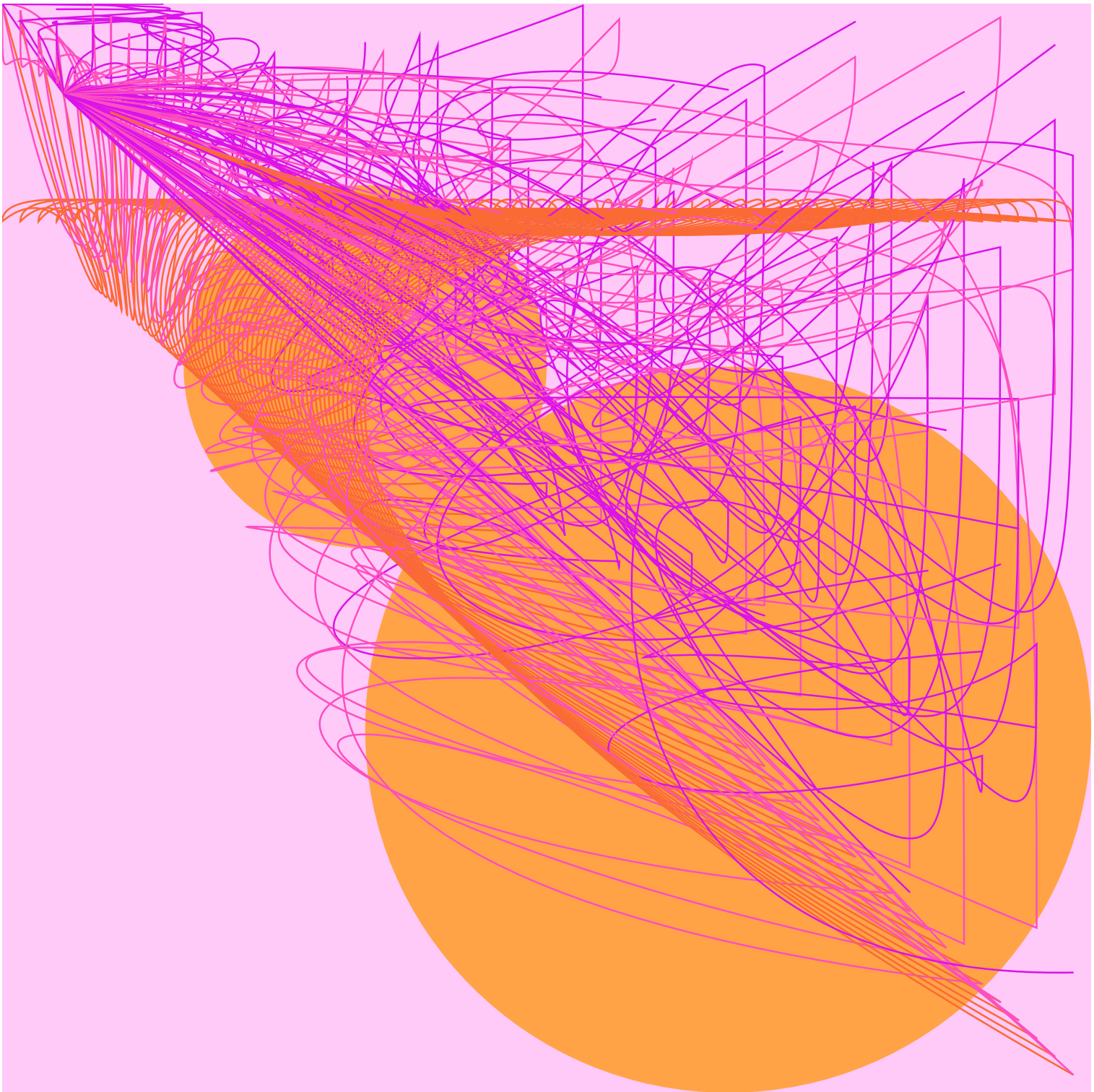
This piece is inspired by the idea of the sun rising and setting as well as meditation and consciously slowing down the pace of our busy lives. Often, people get so caught up in their own lives and all of the tasks they have to complete that they don't take time to relax or enjoy their life. With this piece, I paired colors that to me read as energetic with slower, calming music. The facial recognition portion of the piece allows the viewer to become the sun, rising and setting as they please, giving them the ability to choose how time moves. When engaging with this piece, viewers are able to slow down for a moment and enjoy the landscape in front of them instead of just rushing on to the next thing.

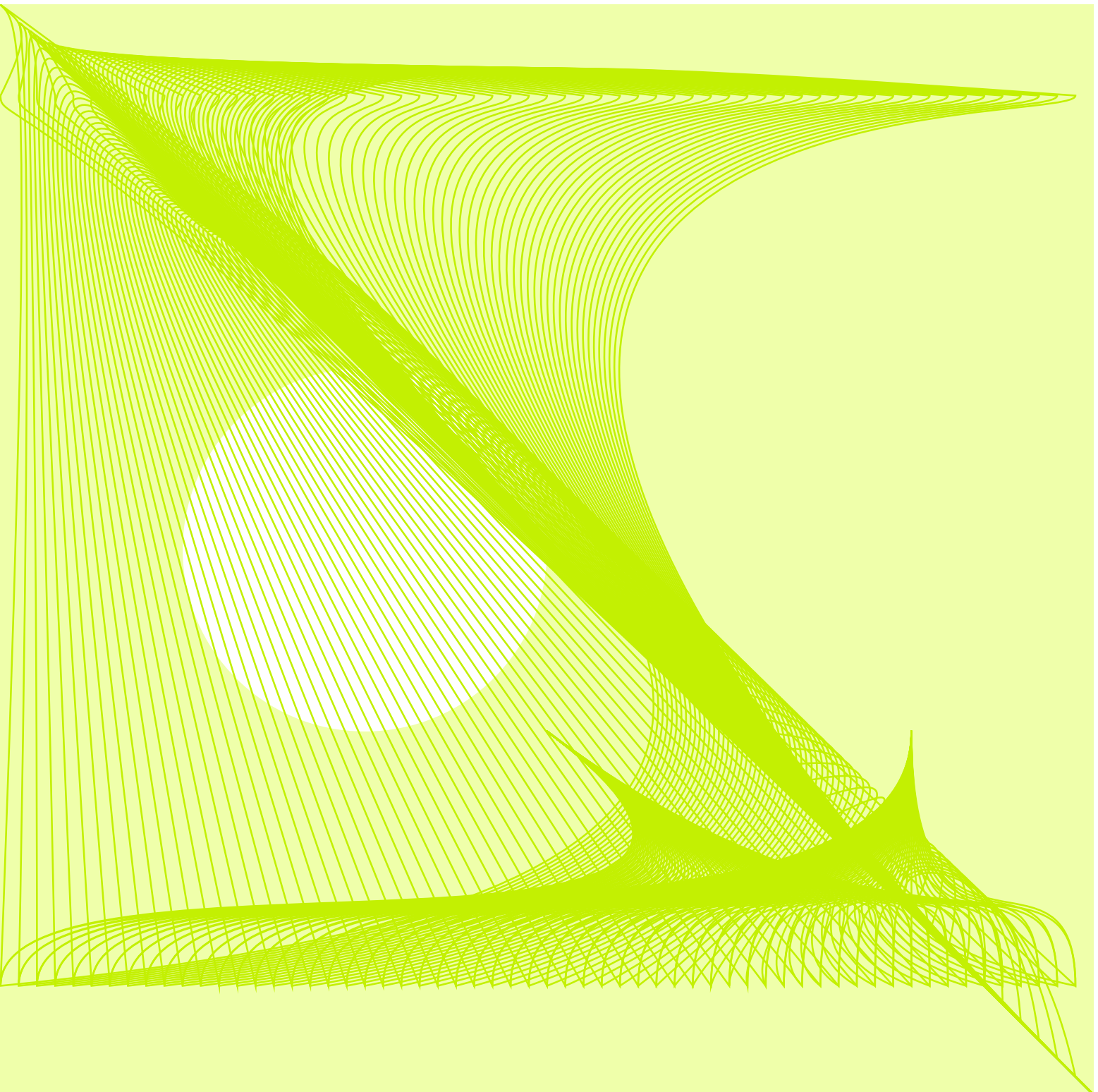
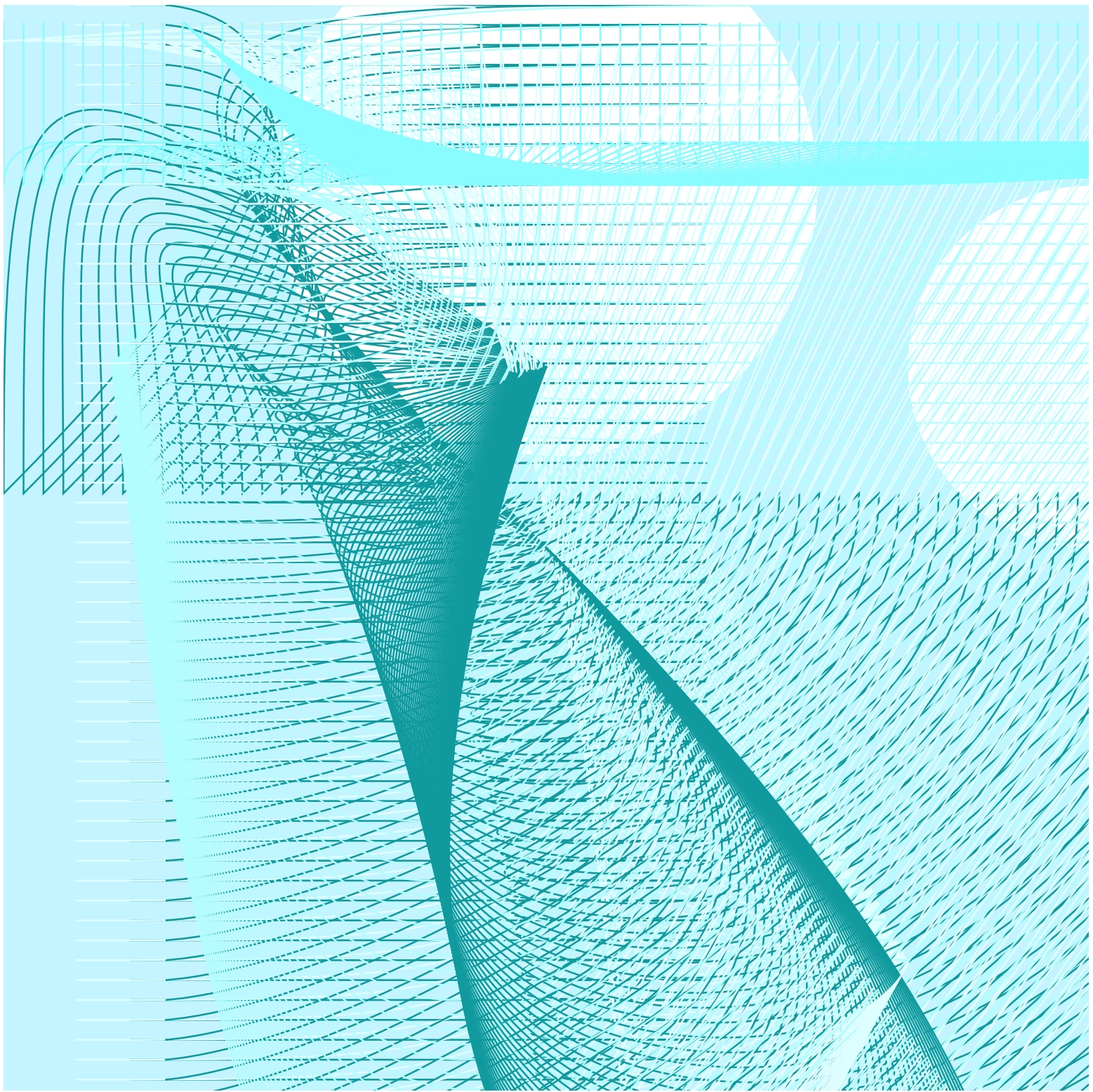
This piece was made in Processing initiated by Ben Fry and Casey Reas with bezier curves and the OpenCV library. The OpenCV library allowed for the tracking portion of the piece to be possible. A webcam was also used to produce the tracking effect. The music used is classical music used from an open source library.

1. Computational Drawings

We started this class by making computational drawings.

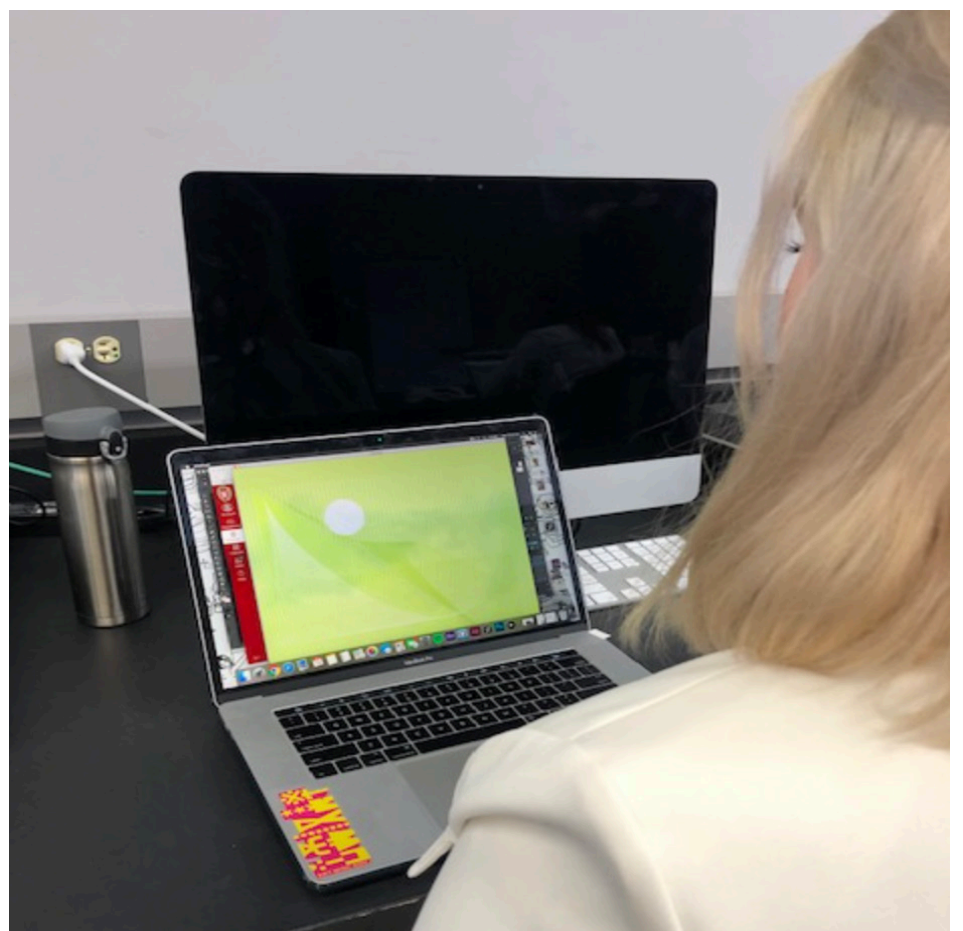
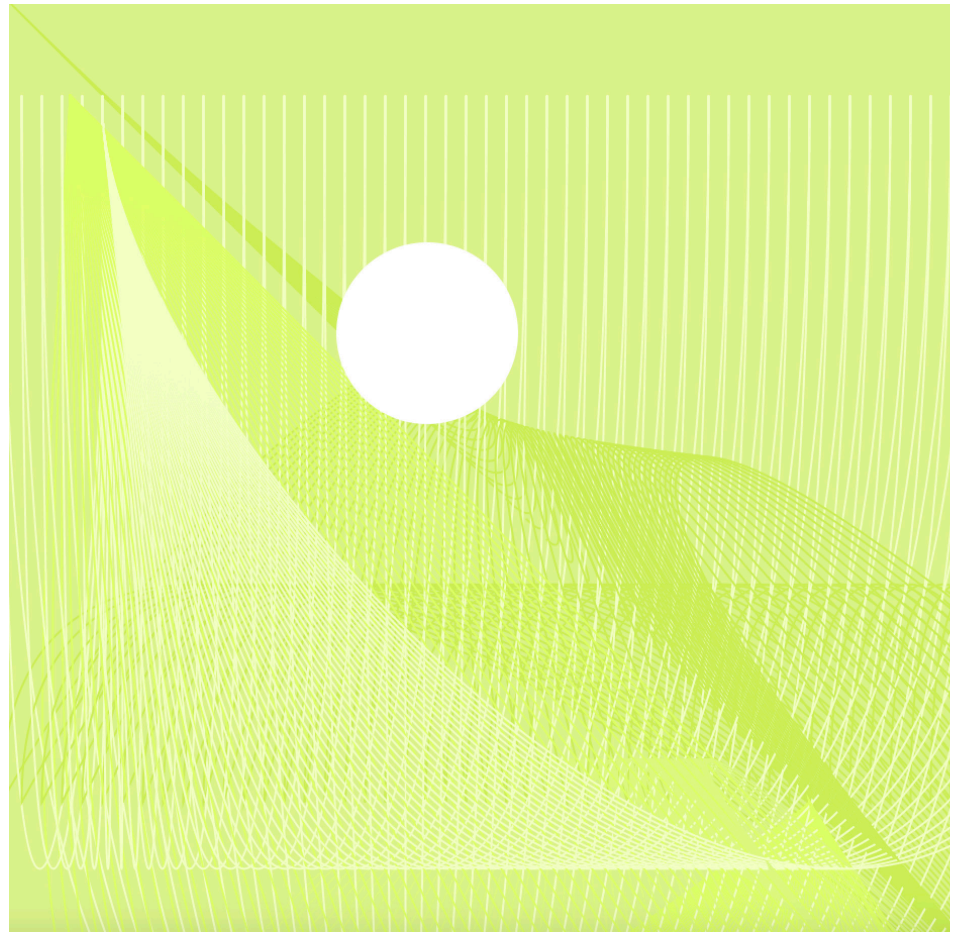
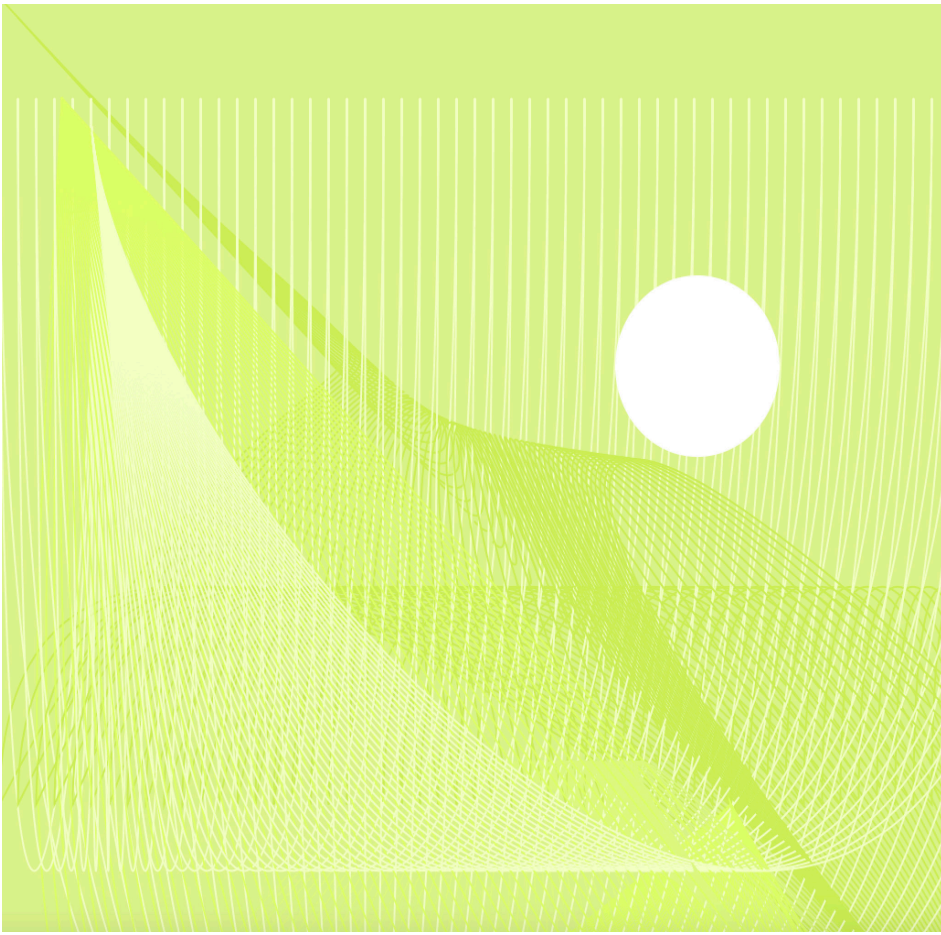






2. Facial Recognition

Facial recognition using OpenCV and Processing. The circle moves where ever a face is detected and if there is more than one fce in the screen than a new circle will be added.

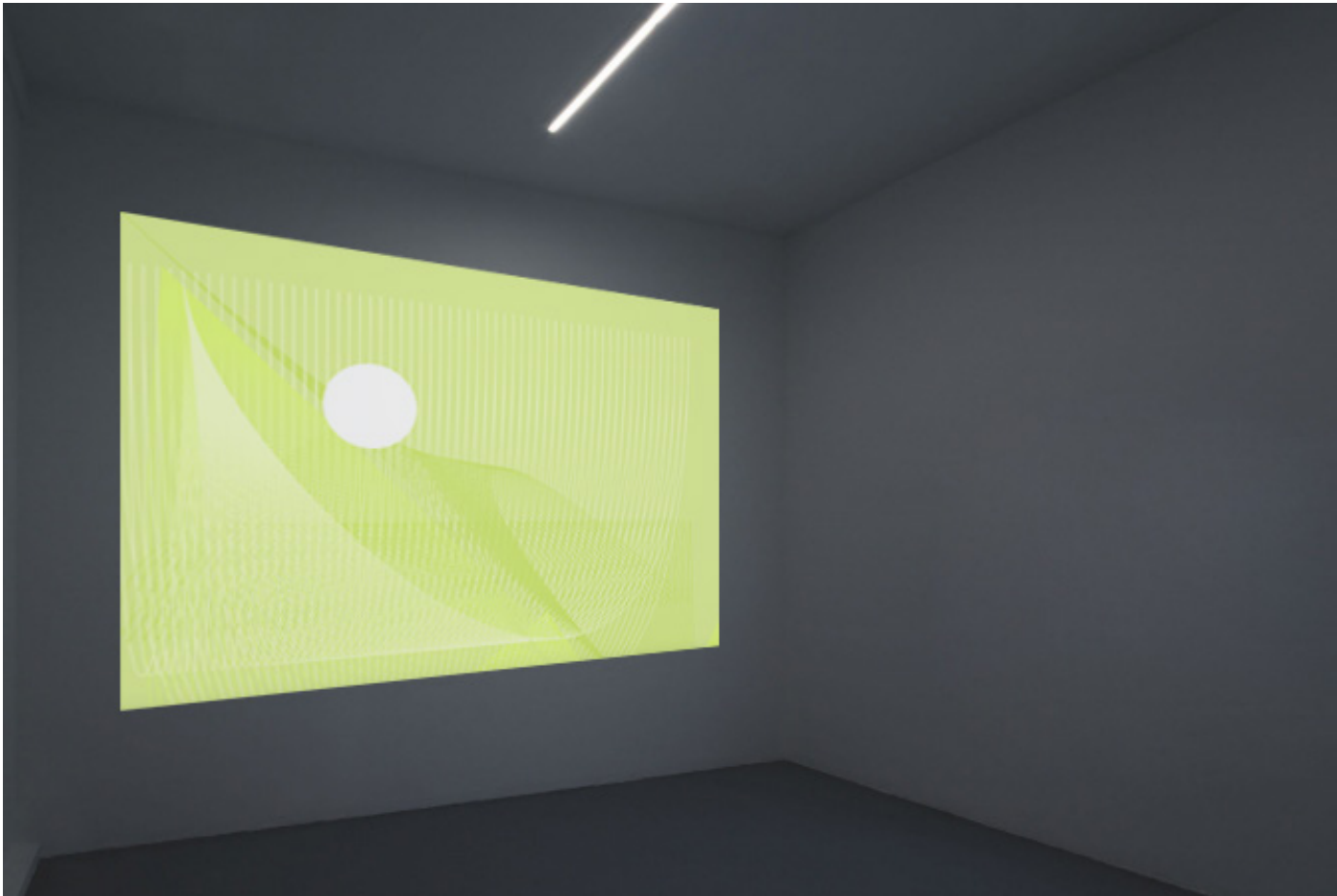


3. Physical Interaction

The circle or "sun" follows wherever it recognizes a face. The program also plays music while this interaction occurs.

4. Gallery Plan

This piece would be projected onto a gallery wall, with those walking by able to interact with the piece.



5. Applied Areas

This piece could also be used to create an interactive poster.