ddgk-000

Processing, Glitches, Media

Agenda

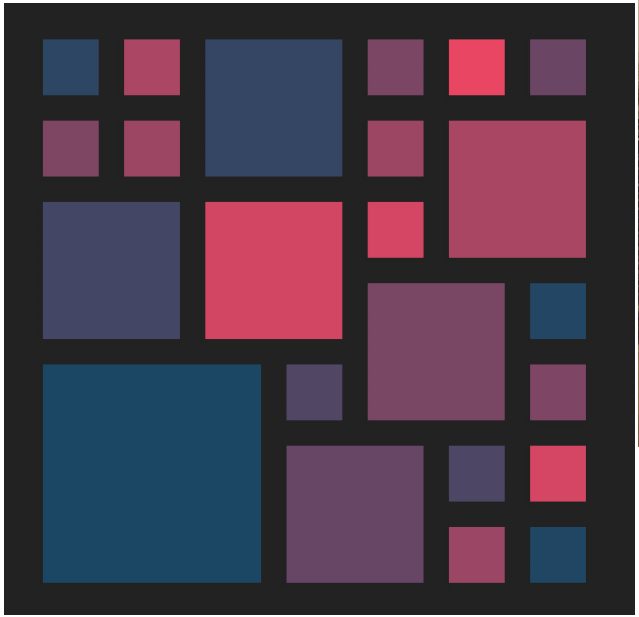
Intros
Processing
Course Info + Exhibit Info
Glitch Art / Inspiration
Processing Interface
Github Repo
shiftSegment + vshiftSegment

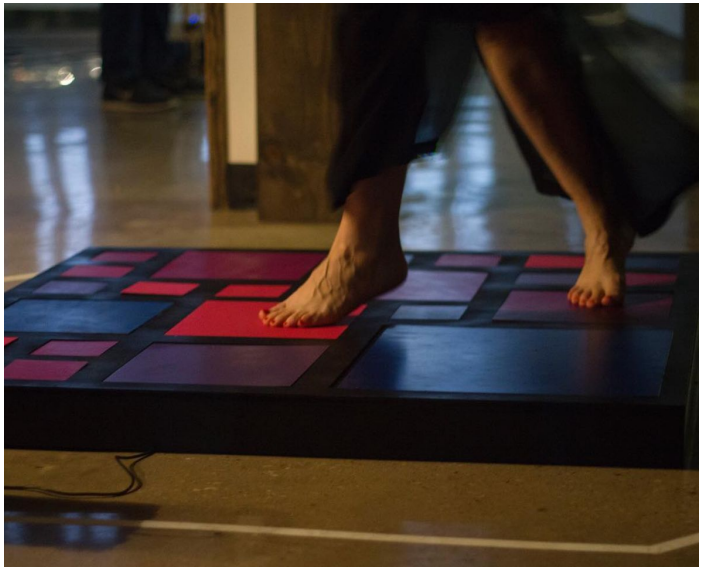
What is Processing?

Processing is a software and a language for learning how to code within the context of the visual arts. Since 2001, Processing has promoted software literacy within the visual arts and visual literacy within technology.

http://processing.org/reference

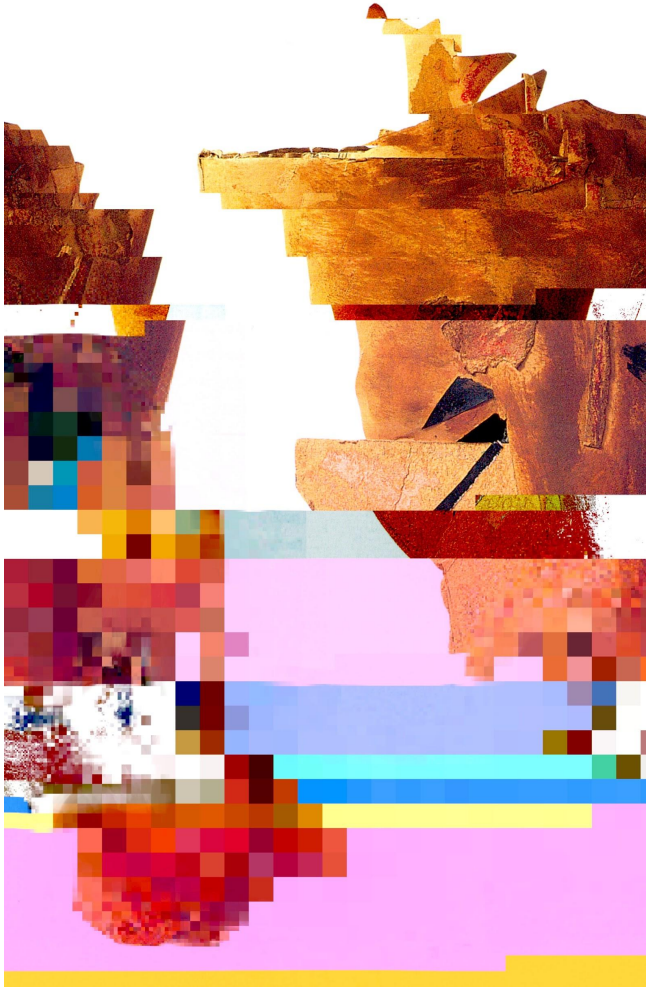
What is Processing?

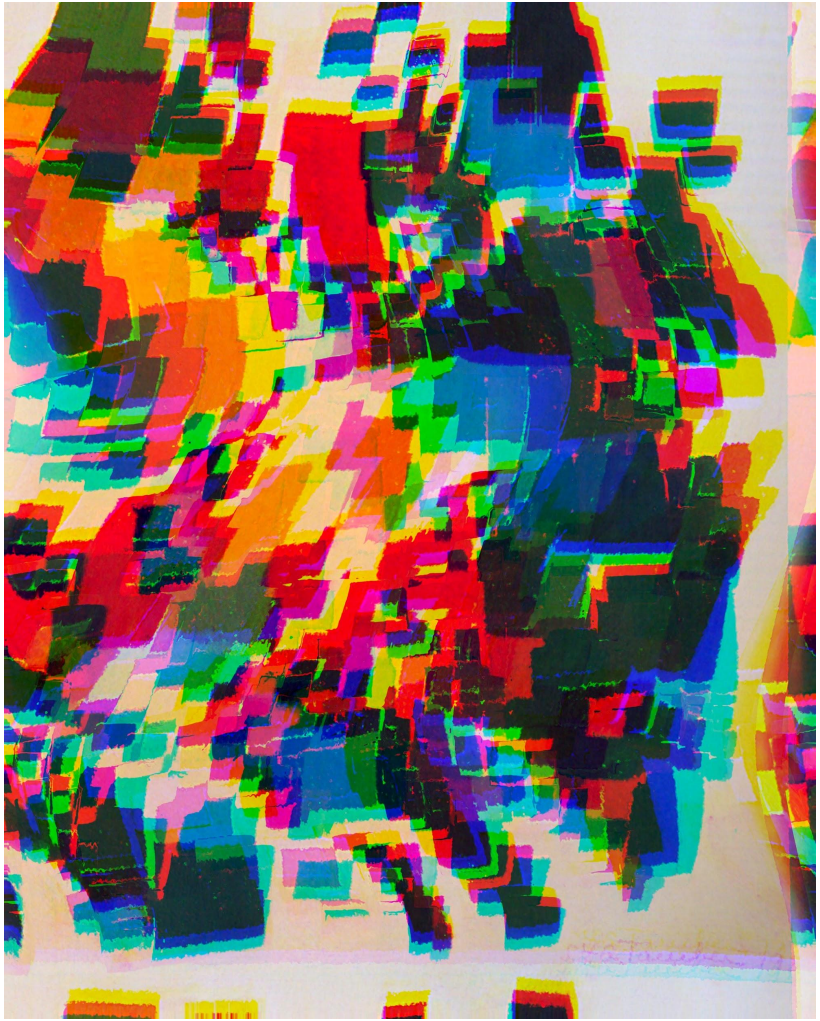


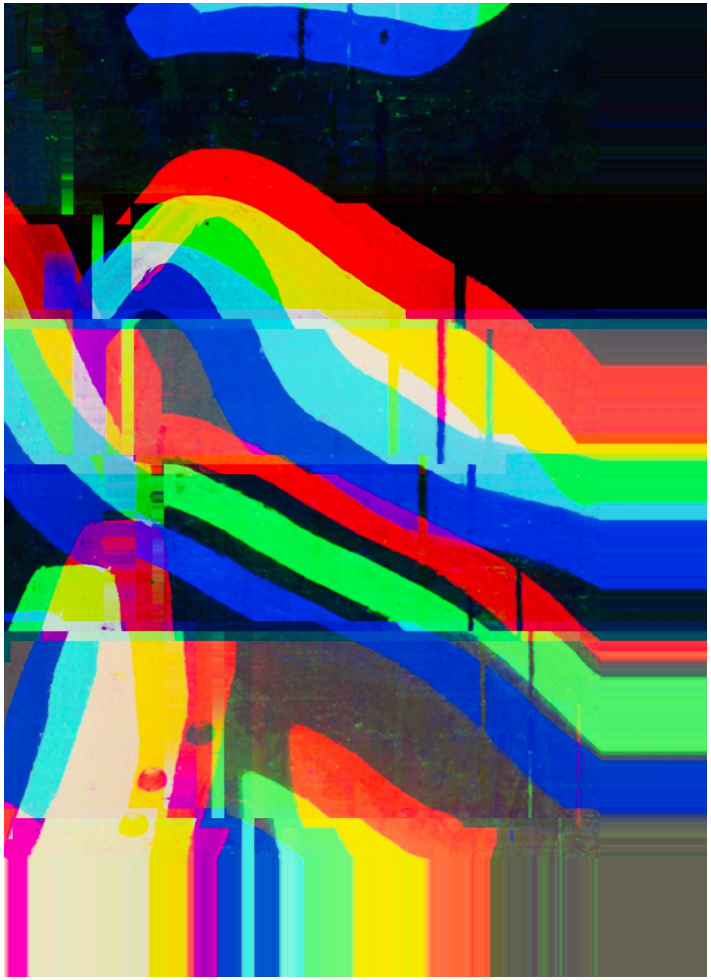


Glitch Art Examples

Glitch art is the practice of using digital or analog errors for aesthetic purposes by either corrupting digital data or physically manipulating electronic devices.







Glitches & Media: Github

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https://github.com/jromeem/ddgk-gltch

Glitches & Media: Shifting

`glitch_000_base`

Glitches & Media: Basics

Understanding Processing
- Editor
- Buttons
- Interface
- Console

```
// Glitch & Media: Base

PImage img1;

Glitcher glitch;

void setup()
{

  size(900, 600);


  img1 = loadImage("data/plumbers.jpg");


  glitch = new Glitcher(img1);


  glitch.shiftSegment(100, 200, 50);
  glitch.shiftSegment(250, 400, 150);
  glitch.shiftSegment(420, 440, 250);
  glitch.shiftSegment(600, 700, 350);


  image(glitch, 0, 0);

}

```

Glitches & Media: Shifting

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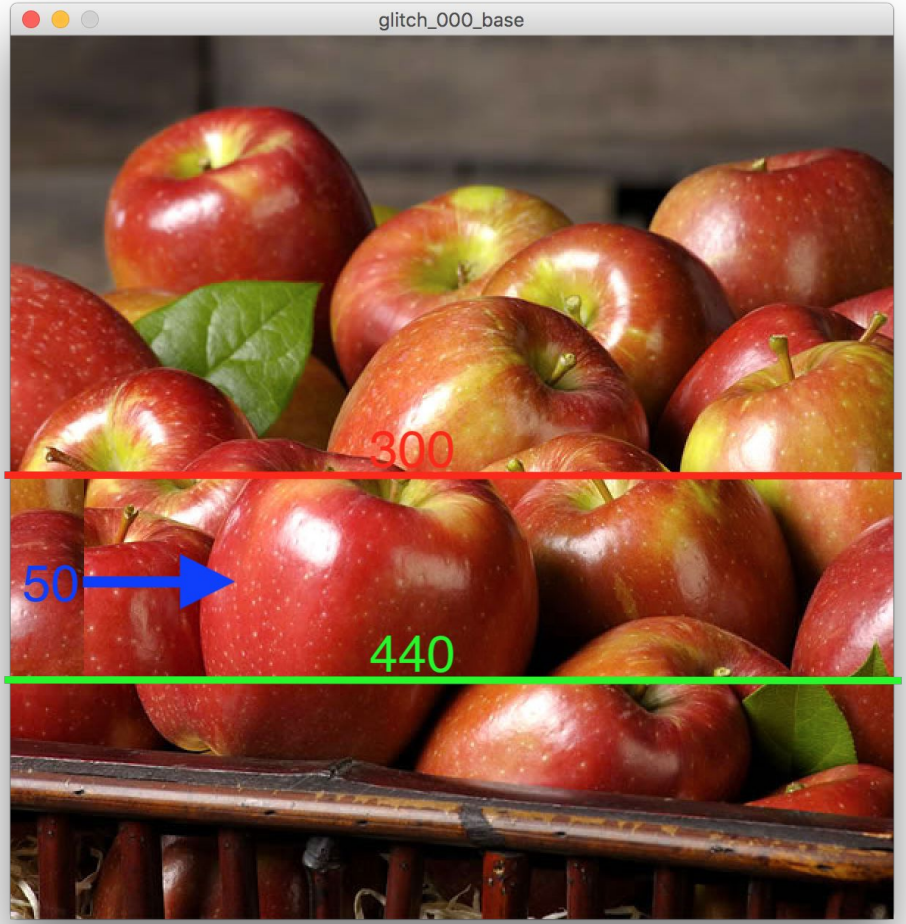
horizontal shift:

```
glitch.shiftSegment(A, B, C);
```

Glitches & Media: Shifting

```
glitch.shiftSegment(300, 440, 50);
```



Glitches & Media: Shifting

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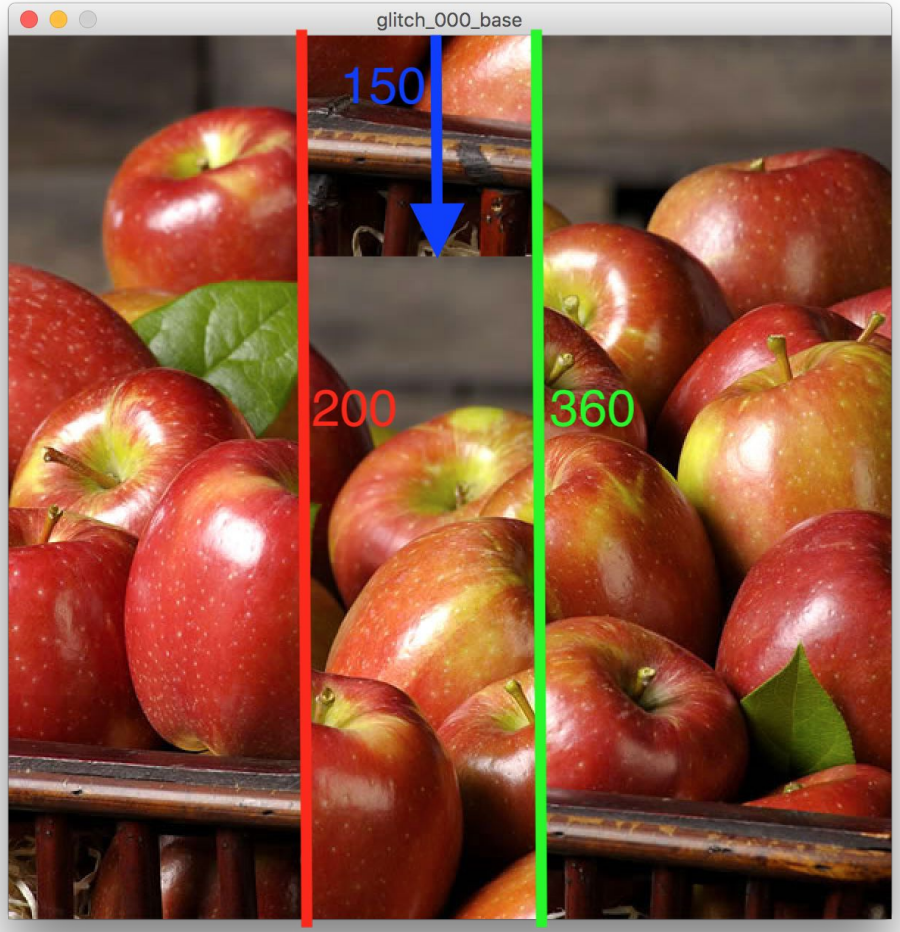
vertical shift:

```
glitch.vshiftSegment(A, B, C);
```

Glitches & Media: Shifting

```
glitch.vshiftSegment(200, 360, 150);
```



Glitches & Media: Shifting

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glitch_002_shifting_1
glitch_002_shifting_2

Announcements

Homework
Slack Invitations
Office Hours:
    Sundays 6pm - 8pm

    Sa-tén
    Bldg 3, Ste 101,
    916 Springdale Rd,
    Austin, TX 78702

Homework

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3 images:

- relatable/evocative (e.g. skeletons silhouettes human body, faces, etc.)
- abstract (like jackson pollock, indiscernible)
- patterns (regular, recurring, random)