

Introduction to Computation Final Project

Revisit one of the three previous assignments and create a four second music video.

The music for this project should be sampled from another artist (not music you have performed or written). The rationale for this rule is that you should feel free to interpret or misinterpret the intention of the musician(s). Regardless of the format or medium of the project you choose to continue, it will have to be adapted to become animate and/or conform to the specifications outlined below. Treat the audio you have sampled as data, parameters, or forces that will influence the video you will produce. Initially, you will need to spend some time experimenting with how you will represent the audio in your process. Will you use a graph? A visual notational system? Spreadsheet? What is the sampling rate for the information you will harvest as data?

Your final video will be 2000 x 2000 pixels in size and either 30, 15, or 10 frames per second (nothing in-between). The audio track for this video will be the unedited four second sampled clip.

Due 11/11: Find exactly four seconds of music to sample and save as an audio file. Post to Instagram one video that captures the structure of the data and the data you have harvested from the audio. Even though the data itself will likely not be animate, a video is requested here so that your selected audio can be playing in the background. Use the hashtag #risdIntroToComputationFinalProject On 11/11, Carl will be out of the country presenting at a conference and therefore not in class. Students should use the first portion of class (1:10-3:10) to execute the drawing algorithms designed on the first day of the course. If you want to edit your algorithm prior to passing it off to another student, make sure to bring a fresh copy for them to follow. As a group, use an algorithm to decide who will execute which algorithm at the beginning of class. Ensure that no student executes their own algorithm. Post an image of the resulting drawings to Instagram using the hashtag #risdIntroToComputationAssignment0

Due 11/18: A draft of your music video. It must play for the full four second duration, but it may be at a lower frame rate than your final version. No need to make any posts to Instagram. (We want the public to remain in suspense.) We will play the videos in class.

Final critique 12/2: Post the final music video to Instagram using the hashtag #risdIntroToComputationFinalProject. Each student will play their music video on loop for discussion. Students will also present their work from whichever assignment they decided to continue for the final project.

Final Archive: Students will be graded for the semester based on their participation, Instagram posts, and their archive of work uploaded to Google Drive. Students are not expected to work beyond the final critique, but are allowed a few extra days to get their files in order for the archive. The archive is due Monday 12/5 at 6 PM.