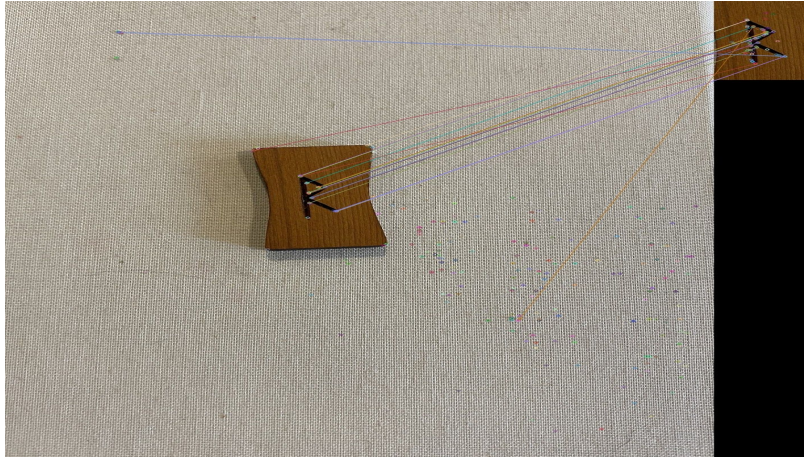<u>We have made solid progress in the implementation of the first step of our program
Bellow I will detail what we have done so far, the issues we have ran into and how we
Plan on moving forward with our design.</u>

We have come to the conclusion that Rune images will have to be taken on clean and white
backgrounds for our cropping program to work well.

As shown in the above image we are picking up a significant amount of noise from the uneven
background that we have taken our rune images on.

This leaves the cropped image looking like this after applying the matrix transform

Very close but we would like to better isolate the rune engraving from the image!

Short term goals before next milestone (02/27) to stay on track

- **Perfect autocroping program**
- **Have working image processing program and generated minimum 50 images per Ruin for a testing data set**
- **Test CNN program on the testing data**
    - **Revise our approach to data augmentation based on the results here**