Overview: This project makes images layered and intricate by using an application called Multi-Style Drawing Program. The program was created by Botong Qu, one of our mentors.

Project Goal: The project was to take an image and turn it into a multi-style ink and pen drawing using the application. Additionally, it was to discover how to apply the application to the real world. For example, one can use this application in marketing and illustration careers. Moreover, it was to learn how Computer Science Engineering and coding can create computer applications that create and perform projects similar to this.

Image of the program in action

Pattern pictured was used in the scumbling for the tree background.

Pattern Design

Tone Design

Drawing

Segmentation

1) Original Image

These are the original images that we found that have not yet been manipulated.

2) Segmentation

By using the Segmentation tab, one can create different sections of an image to designate certain sections to have certain drawing styles or colors.

3) Tone Design

By using the Tone Design tab, one can view and change the tone of images. They can also brighten an image and a contrast a section to other sections.

4) Final Drawing

These are basic colored or black and white finished drawings that are the end result of the transformation.

5) Secondary Tone Design

By using the Tone Design tab and the Segmentation tab, creating a section for where one wants depth, and drawing a darker tone on it with the tone brush, one can create depth. For example, the inside of the raspberry above.

6) Drawing with a second layer from the secondary tone design

One can add more complicated drawing style combinations and colors and tones to images. This can make a drawing more complex and can bring to light certain sections more.