# User Guide

1. Once you've downloaded and unzipped the project folder, open MATLAB and navigate to the folder to access the program.

2. From the Current Folder view, right click on the "GUI.mlapp" file and select "Run" from the available options to open the GUI window.

3. Once the window has opened, left click the "Choose Image" button near the top left of the window to open the file explorer window.

4. From the file explorer window select any of the example images that you see or navigate to another image if you so desire. Then left click the "Open" button at the bottom right of the window.

5. Now wait for the results to appear in the GUI window. You may need to select the GUI window from the task bar to bring it back to front for viewing depending on your computer's operating system.

6. The results should appear as a before image on the left-hand side of the window and an after image on the right-hand side of the window. The after image will be in gray scale and show red circles around the identified coins in the image. In addition, the top right of the GUI window will have a breakdown of the coins identified with counts for each denomination as well as a total value for the image.

7. When you finish reading the results, you may either close the window or repeat the process. Follow along again using these steps, starting from step three and proceeding to the end with as many different images as you please.