

Research Update Week One
Researchers Benjamin Rome and Luke Williams
Profesor Charles V. Stewart

Updates:

- Set up private GitHub repository
- Set README, requirements.txt, and added files necessary to begin work
- Created a ipynb to loop through and pull all images based on URL in CSV
- Debugged images failing to display on Pycharm IDE
- Created a segmentation script to segment based on contours in an image
- Expanded upon segmentation script to reject non-circular regions
 - We do not want the ruler or slip of paper with info at this point
 - Only grabbing the eggs will allow us to create a histogram with basic data
- Started pulling out select edge cases to ensure we were only getting eggs in our contour region

Blocks:

- No current blocks, progress will continue as normal

Images: Left shows initial contours, right shows contours left after circular threshold

