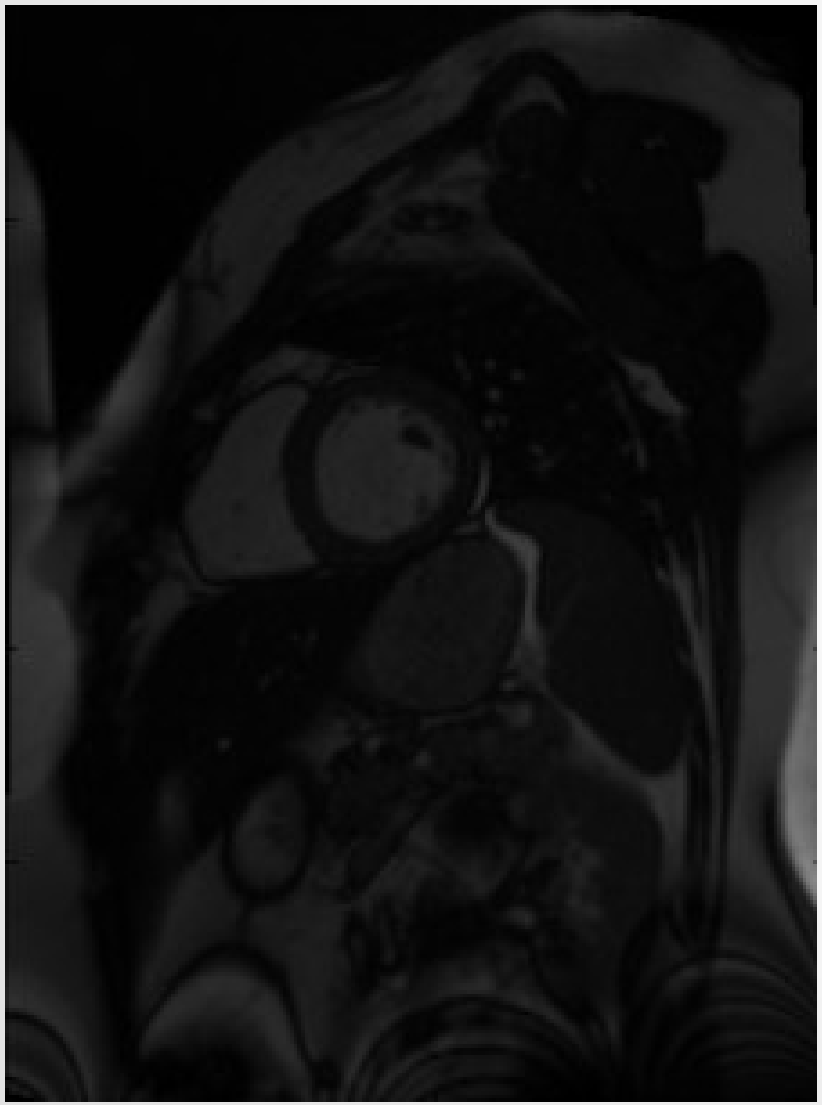
# MRI Cardiac Segmentation for the Left Ventricle

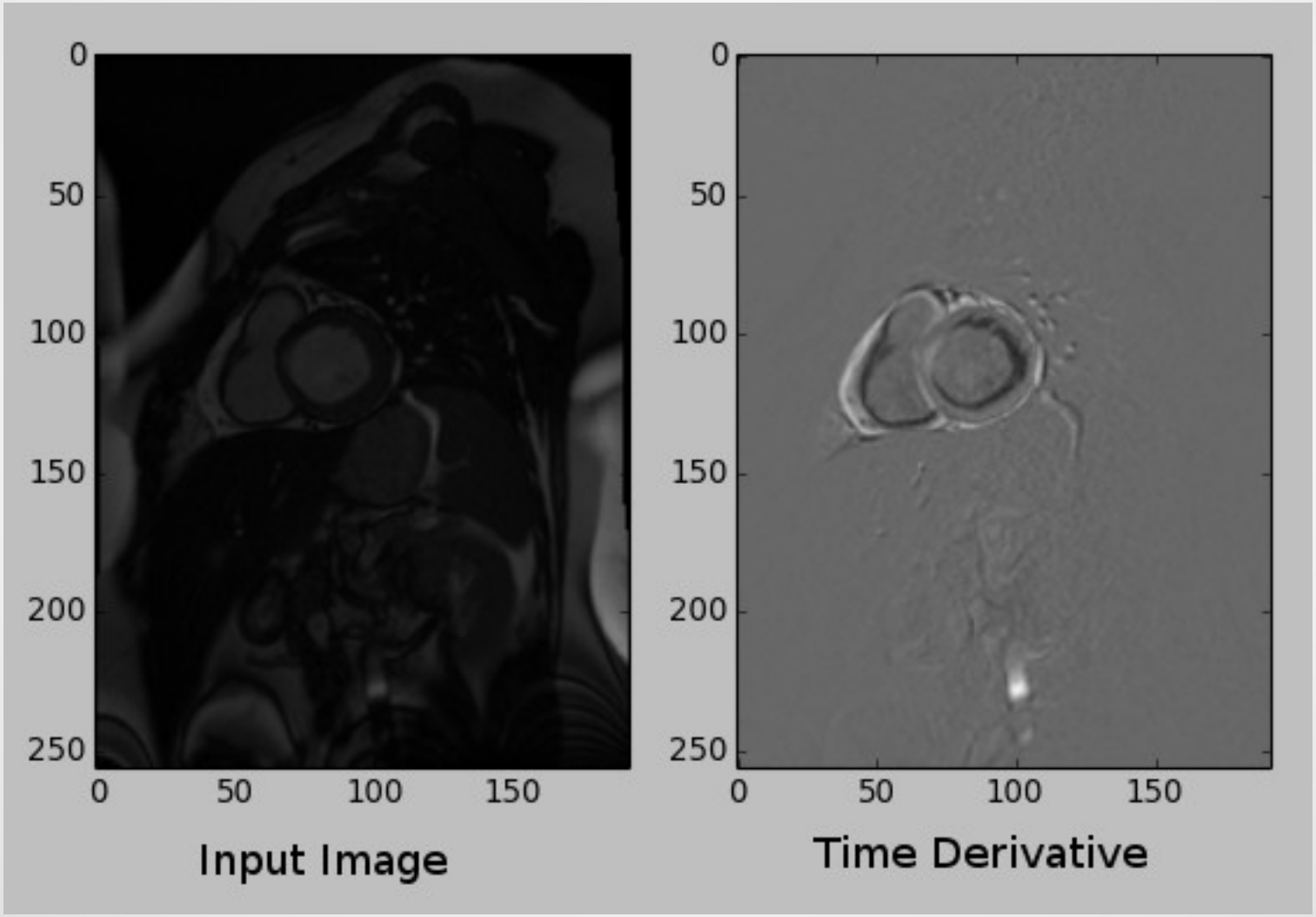


Jonathan Lacombe
REU in Computer Vision
University of Central Florida
Working with:
Ali Mortazi & Dr. Bagci
Week 7

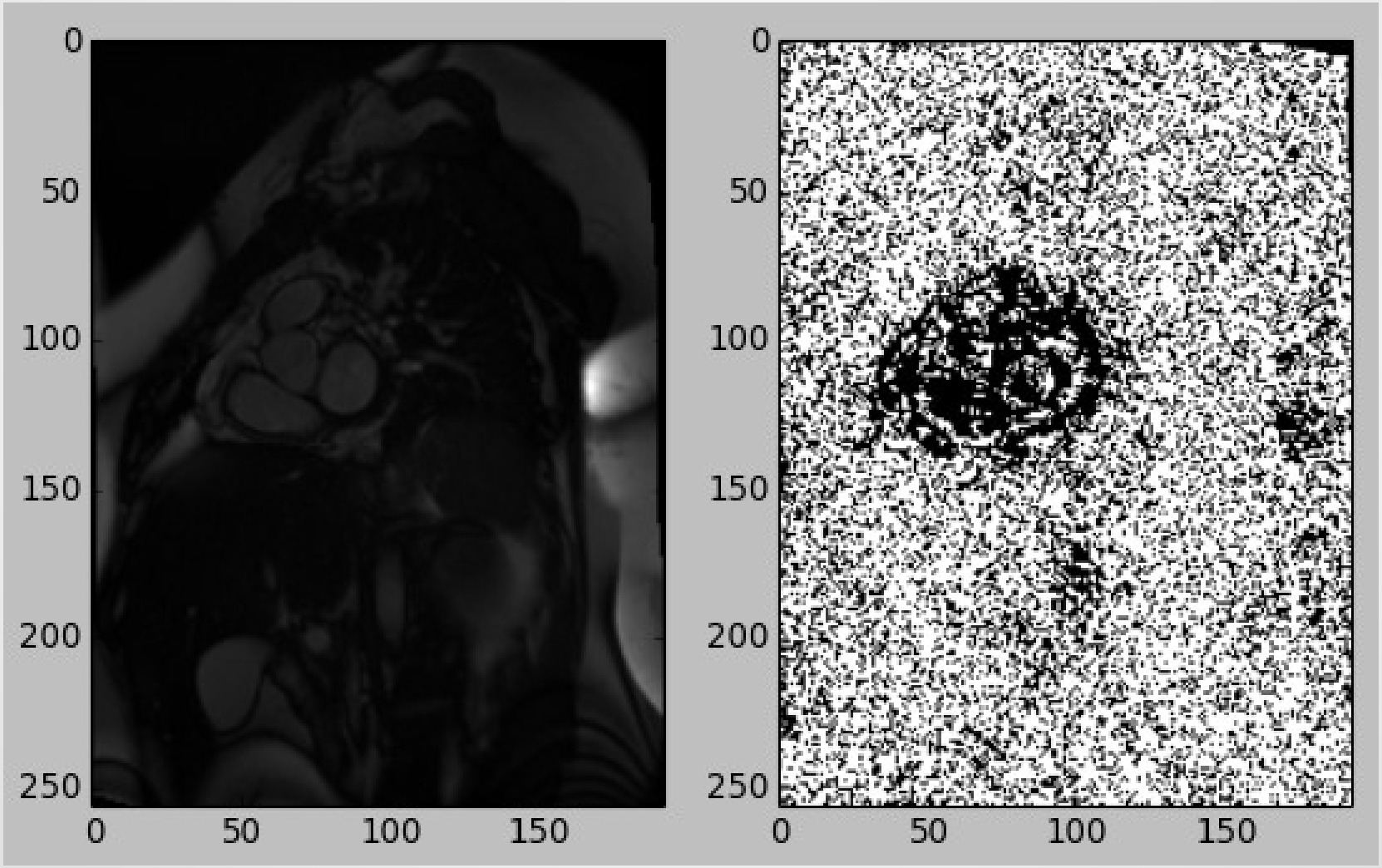
# Progress

- Read papers on Segmentation
- Researched useful features to include
- Added an Autoencoder for a time based feature

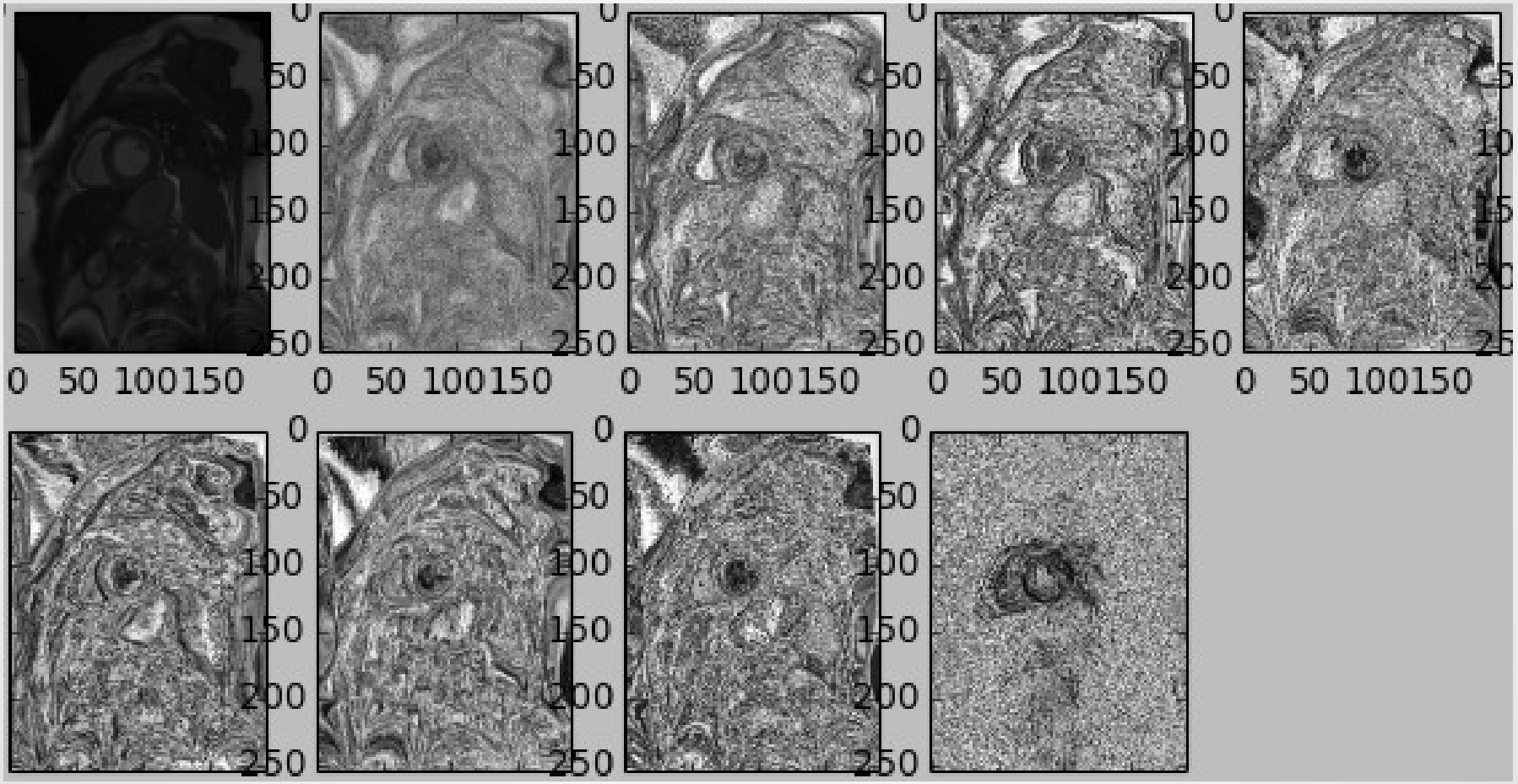
# Time Derivative Image



# MF Prediction on Time Derivative Image



# MF Predictions




Original, Combined Prediction, XY, XS, XT, YS, YT, ST, XYDT

# Plan for next week

- Read about other features and implement them to add on current prediction and reduce area
- Find bounding box of LV and Heart area