

# Semantic Segmentation with UNET

Clayton W. Seitz

April 13, 2022

# UNET Architecture

# Training and Performance Metrics

Pixel Accuracy:

$$PA = \frac{\sum TP + \epsilon}{\sum TP + \sum FP}$$

DICE Metric:

$$DICE = \frac{TP}{2TP + FP + FN}$$

Precision:

$$P = \frac{TP}{TP + FP}$$

Recall:

$$R = \frac{TP}{TP + FN}$$