**ASSIGNMENT 3 - DEEP LEARNING REPORT**

* The transformation techniques I used:
* Resize((256, 256))
* RandomVerticalFlip(p=0.9)
* ColorJitter(brightness=0.5, contrast=1, saturation=0.1, hue=0.5)
* RandomHorizontalFlip(p=0.9)
* RandomAffine((20,50))
* GaussianBlur(kernel\_size=3)
* RandomRotation(degrees=20)

* The model is a U-Net++ with a pretrained Resnet50 encoder.
* Link to my github repo: https://github.com/cristiano2003/UnetPolyp-Semantic-Segmentation.git
* Below is the plot of my result:

A screenshot of a graph

Description automatically generated

* Link to my model checkpoint:

https://www.kaggle.com/code/anhdaotruong/unetpolyp-dl-assignment-3/notebook?scriptVersionId=151154150