

Currently Unet (inference model) works with the following list of packages and their respective versions. However it's not always mandatory to have these versions.

```
sys==3.6.9
tensorflow==1.15.2
Numpy==1.18.3
matplotlib==3.2.1
keras==2.3.1
opencv-python==4.1.2.30
ipython==5.5.0
logging==0.5.1.2
albumentations==0.4.5
efficientnet==1.0.0
image-classifiers==1.0.0
segmentation-models==1.0.0
```

Packages that I didn't succeed to know the version:

```
resource==?
random==?
base64==?
os==?
```

Package that works only with google colab:

```
from google.colab import files (used to select image from your device)
```

```
from google.colab.output import eval_js (used to convert javascript to python)
```

```
from google_drive_downloader import GoogleDriveDownloader as gdd
(used to download model from shared link in drive)
```

To train the model you have to add the following packages:

```
bubble_segmentation_Unet==!git clone
https://github.com/larrygoveau/bubble\_segmentation\_Unet
(This is only to load the training data set)
```