**BIOMEDICAL IMAGE SEGMENTATION VIA UNCERTAINTY QUANTIFICATION**

**Things done this week:**

**Databases**

Access to BRATS2020 🡪 played a bit with it

Access to Human Connectome patients database 🡪 <https://db.humanconnectome.org/data/projects/HCP_1200>

**Papers**

**Python related**

Install Keras and Tensorflow

Libraries: nilearn and nibabel: tutorials inside their webpages and played around

Tutorials:

* Classification
* Regression
* Segmentation

**General**

Organize github 🡪 should I continue putting courses?

Catch up with Linux

**Ideas:**

Create a GAN

Create a VAE for practicing

Segmentation problems

UNSURE workshop: for uncertainty modelling 🡪 I also found the papers from some of them

Read papers

Check the masks created from prediction in segmentation

Revise and test the Callback thing