NC Group 5

Meeting Minutes

Date of meeting   November 29th, 2019

Present: Xiaoyu Xia, Zhangda Xu (Non-compulsory meeting)
Next meeting: December 1st, 2019 (Non-compulsory Online)

1. Agenda

1) *fastMRI discussion*
2) *Pipeline*
3) *Resources for later work*
4) *Work distribution*
5) *Weekend reading*

2. Announcements

1) The group members should have studied MRI Tutorial thoroughly by now.
2) Members are suggested to read the official fastMRI Dataset paper from fastmri.org to get a firmer grip on the topic. (Git repo: NC2019MRI/References)
3) Next video meeting will be on Sunday if any problem on the tutorial remains unsolved on Google Hangout. (Zoom unstable connection.)

3. Discussion

1) The project pipeline consists of data preprocessing, modelling neural network and test & iteration. Models need to be selected by iterative evaluation.
2) The report is consisted of 8 sections: introduction, related work, methods, experiment, implementation, result & evaluation, discussion, conclusion.
3) The first model to start with will be U-net and CNN. (Git repo: khulaifi95/fastMRI)
4) Literature review should include background to MRI. (note uploaded)
5) Data is accessible to everyone now. (Lab ~/data/local/NC2019MRI)
6) **Members are to choose the tasks for themselves this weekend. Ideally 3 for coding, 2 for report writing (evaluation and experiment excluded).**

4. To-do Items

Item	Involved	Deadline
Literature review	Xiaoyu Xia, Zhun Wang	Dec. 6
Modeling nn	Zhangda Xu, TBD	Dec. 6
Experiment design	TBD	Dec. 6