

## WEEKLY RESEARCH PROGRESS REPORT: 34

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### ATTENTION

From this week on, this new professional weekly progress report format will be adopted as an replacement of previous messy and irregular weekly report. The structure of the new report is following:

- **Quote of Last Week's Plan:** This helps me determine whether I accomplished my goal so that I can make necessary adjustment according to the school workload.
- **Planned Accomplishments:** State this week's progress. This can include information such as: what I have accomplished, what I learned, what difficulties I overcame.
- **Other Accomplishments:** New ideas or resources for research directions or projects spotted online. Also, I will describe my note taking state such as which part of notes I clean up.
- **Issues and Problem to solve:** What difficulties are still blocking me and new one that pumps out.
- **Next Week's Plan:** I will try to make each goal measurable: there should be no ambiguity as to whether I were able to finish it.
- **References:** Keep a note on the references to clarify different research interests and weekly goal accomplishments.

All the implementation used in the reports of all previous weeks is stored in (Wang, a) and (Wang, b). The backup of all my weekly progress reports are stored in (Wang, c).

### 1 QUOTE OF LAST WEEK'S PLAN

No last week's plan because this week is the new beginning. And since I am still in the week of preparing final exams of school courses, this week's workload is very small.

### 2 PLANNED ACCOMPLISHMENTS

None (refer to the previous section **Quote of Last Week's Plan**).

### 3 OTHER ACCOMPLISHMENTS

- Find the professional weekly progress report for better learning (Wee, b) (Wee, a) (Wri)
- How to read a paper and how to do literature review (Keshav), learn new ideas of how to read paper more efficiently and the ability of writing survey.
- Fully rearrange the notes for better lookup experience and learning efficiency (Wang, 2020/01/04).

### 4 ISSUES AND PROBLEM TO SOLVE

None (refer to the previous section **Quote of Last Week's Plan**).

## 5 NEXT WEEK'S PLAN

- Read (Pan et al., 2019) and (Pan et al., 2019).
- Complete beamer presentation on *Toward Information Theory blessed Deep Reinforcement Learning*.
- ICML 2019 workshop on self-supervised learning.
- Read new paper from Huawei (Zhu et al., 2019) on casual inference.

## REFERENCES

Weekly reports for prof. lyuu's students, a. URL <https://www.csie.ntu.edu.tw/~lyuu/weeklyreport.html>.

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