

Proposal Guideline

Top 30 of Cinnamon AI Marathon (top 10 of each challenge) will be requested to submit proposal and arrange presentation/interview schedule from 14 to 17 Oct, 2018 for further assessment.

However, we recommend everyone to prepare the proposal in advance as a way for your own development.

1. Problem definition and an overview of solution (5%):

- Define the problem, the role of the problem in the real life applications.
- What are the challenges of this problem (can give some examples).
- An overview of the solution, with emphasis on the components that help yield the most improvement. (Recommend: a diagram of the solution if it is large and convoluted.)

2. Related works (10%)

- There are many approaches have been proposed over the years, please take an overview of them.
- How many kinds of approach has been proposed? (Please provide the reference for each approach).
- What are the advantages and disadvantages of them?
- If you choose one of them to implement, please, give the reason.

3. Data processing (10%)

- Specify any additional collected data.
- Specify any modification to the input data (e.g. mean-shift, normalization,...) or any feature engineering technique.
- Specify the division into train, validation and test set (if any).
- If you do not use the data processing, please explain the reason in detail.

4. Model/main algorithm (50%)

- Introduce model/algorithm components and their specification.
- Recommended: describe in chronological order on what components are added/removed, and their effects on the result. Participant should understand every step clearly.
- Recommended: mention the detail of notable fail cases of each component.

5. Experiment: (20%)

- Describe the experimental procedure and their effects on the result.
- If you use the more different datasets to test, please specify them.
- Specify hyperparameter values (if any).
- Recommended: mention the detail of fail cases.

6. Conclusion: (5%)

- Summarize the solution.
- Discuss the next possible steps to attain the better result.
- If it is possible, please give us the plan that you set out to deal with this challenge.