Project Title

Name Surname [*1]

Abstract

1. Introduction

Introduce the task that you are going to investigate in your course project. State why you find your project topic interesting and what is difficult about it. Note that your project idea should have a connection with the course topics. (event a loose one is ok).

2. Related Work

Review previous work most relevant to your project topic. Discuss how you might improve upon these existing approaches.

3. The Approach

Give a brief outline of your approach. Describe the architecture you will use, whether you will extend an existing implementation, etc. Please note that you can change your approach later.

4. Experimental Evaluation

Explain which dataset(s) you will use to train and test your model. Describe how you will evaluate the performance of your approach against those of competing methods.

5. Work Plan

Provide a rough timeline about the planned activities and their approximate deadlines. For example,

Activity	**Deadline**
Complete the literature search	MM/DD/YY
Reproduce results of a baseline approach	MM/DD/YY
Prepare progress report	MM/DD/YY
Make improvements X, Y, Z	MM/DD/YY
Prepare final report and presentation	MM/DD/YY

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(Hinton & Salakhutdinov, 2006; Goodfellow et al., 2014)

References

Goodfellow, I., Pouget-Abadie, J., Mirza, M., Xu, B., Warde-Farley, D., Ozair, S., Courville, A., and Bengio, Y. Generative adversarial nets. In Ghahramani, Z., Welling, M., Cortes, C., Lawrence, N., and Weinberger, K. Q. (eds.), *Advances in Neural Information Processing Systems*, volume 27, pp. 2672–2680, 2014.

Hinton, G. E. and Salakhutdinov, R. R. Reducing the dimensionality of data with neural networks. *Science*, 313: 504 – 507, 2006.