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# Project Title

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Name Surname<sup>\* 1</sup>

## 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.

### 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

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

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## 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.