

Deep Learning for Computer Vision: Final Project Proposal

(Replace with project title)

Team Member 1
first@il.org

Team Member 2
second@il.org

Team Member 3
third@il.org

Team Member 4
fourth@il.org

Proposal I

1. Introduction

Explain your general idea and state the problem you are trying to solve.

1.1. Related Works

- Related and previous work on your topic
- A small overview of the SOTA (state-of-the-art)
- What is new/different in your approach?

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2. Dataset

- Are you working with an existing dataset or is data collection part of your project?
- Explain the general nature of your data (show examples if beneficial)
- Does your data provide the labels necessary for training?
- Explain possible problems with the dataset
- What are your inputs and outputs?

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3. Methodology

Describe all the different phases/components/steps on how you are planning to solve your previously stated problem. Try to give us a clear picture of your methodology and remember that the project's focus is on deep learning. Try to elaborate on the following points:

- Network architecture(s)
- Transfer learning and training from scratch
- Resource management (please consider GPU memory)

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4. Outcome

What is your desired outcome or aspiration for the project?

Proposal II

1. Introduction

The structure for your second project proposal should resemble the structure of the first one. Focus especially on the dataset, your final in- and outputs and your methodology.

References