

COMPUTER VISION AND PATTERN
RECOGNITION PROJECT
CNN CLASSIFIER

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Introduction

The final project for the course in Computer Vision and Pattern Recognition consists in a classification task on a provided dataset containing 15 categories of images [1]. The classification has to be carried out by employing a Convolutional Neural Network, built following given specifications and steps described in the project assignment.

The classifier was trained using the Google Colab platform.

Problem statement

Implementation

Results

Bibliography

- [1] Svetlana Lazebnik, Cordelia Schmid, and Jean Ponce. Beyond bags of features: Spatial pyramid matching for recognizing natural scene categories. In *2006 IEEE computer society conference on computer vision and pattern recognition (CVPR'06)*, volume 2, pages 2169–2178. IEEE, 2006.