PROJECT REPORT

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To classify bullying and non-bullying in images we used a convolutional neural network and followed the VGG16 architecture. The model used a 3 x 3 filter through the network to increase its depth and has 13 convolutional layers. The number of activation maps starts at 64 and increased by a factor of 2 after each max-pooling layer until it gets to 512.

Learning was carried out using mini-batch gradient descent with momentum and learning rate set to 0.001. we downloaded non-cyberbullying images to increase the image class to 10

We applied horizontal flips and normalization and subtracted mean from the images to increase the dataset size.

We followed the following paper: very deep convolutional networks for large-scale image recognition