# BREED DETECTOR

I have worked on Dog breed detector algorithm with the help of CNN. Given an image of a dog, your algorithm will identify an estimate of the canine’s breed. If supplied an image of a human, the code will identify the resembling dog breed.

Since CNNs are good for image classification, I have chosen this technique.

The required packages are as follows:

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|  | h5py==2.6.0  opencv-python |
|  | matplotlib==2.0.0 |
|  | numpy==1.12.0 |
|  | scipy==0.18.1 |
|  | tqdm==4.11.2 |
|  | keras==2.0.2 |
|  | scikit-learn==0.18.1 |
|  | pillow==4.0.0 |
|  | tensorflow==1.0.0 |