

Emote detection:

This machine learning project categorizes human facial expressions and maps them to emotes. This project uses convolution neural network to recognize facial emotions. Keras, a high level API of TensorFlow (a library of python) is used to create this convolution neural network. This convolution neural network is then later trained with FER2013 dataset. This dataset consists of 48*48-pixel grayscale images. After the CNN is trained it maps classified emotion to an emote or an avatar.

Architecture Diagram

