Predictive maintenance Project

implemented on .Net C#

Nguyen Van Quan

Architecture of XisomDeepLearning Lib

Applications Xisom.DeepLearning.Lib **Pooling** Convolutional Core layer layer layer Recurrent Activation Initial layer layer layer Stochastic Gradient **RMSprop optimizer** Descent ADAM optimizer AdaGrad optimizer Mean Square Mean Binary Error **Absolute Error** Accuracy Mean Absolute Categorical Accuracy Percentage Error Backend ArrayFire (Tensor based computing) **CuDNN CPU GPU**