

**<<inherits>> nn.Module**



## GeneralCNN

- + **in\_channels** : int = 3
- + **num\_classes** : int = 10
- + **conv\_layers** : list = [(6, 5), (16, 5)]
- + **pool\_type** : str = 'max'
- + **pool\_kernel** : int = 2
- + **pool\_stride** : int = 2

- + **fc\_layers** : list = [120, 84]
- + **activation** : str = 'relu'
- + **layers** : ModuleList
- + **pool** : Module
- + **fc\_layers** : ModuleList

- + **\_\_init\_\_**(in\_channels, num\_classes, conv\_layers, pool\_type, pool\_kernel, pool\_stride, fc\_layers, activation)
- + **build\_fc\_layers**(flattened\_size)
- + **forward**(x)