```
Input0
                                     [forward compute time=0.000,backward compute time=0.000,activation size=0.0,parameter size=0.0]
                                                        Conv2d(3, 64, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1))
                              [forward_compute_time=18.310,backward_compute_time=18.147,activation_size=822083584.0,parameter_size=7168.0]
                                                                              ReLU(inplace)
                                [forward_compute_time=3.492,backward_compute_time=4.418,activation_size=822083584.0,parameter_size=0.0]
                                                       Conv2d(64, 64, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1))
                             [forward_compute_time=23.395,backward_compute_time=66.343,activation_size=822083584.0,parameter_size=147712.0]
                                                                              ReLU(inplace)
                                [forward_compute_time=3.504,backward_compute_time=4.203,activation_size=822083584.0,parameter_size=0.0]
                                                MaxPool2d(kernel_size=2, stride=2, padding=0, dilation=1, ceil_mode=False)
                                [forward_compute_time=3.140,backward_compute_time=7.170,activation_size=205520896.0,parameter_size=0.0]
                                                      Conv2d(64, 128, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1))
                             [forward_compute_time=10.928,backward_compute_time=27.978,activation_size=411041792.0,parameter_size=295424.0]
                                                                              ReLU(inplace)
                                [forward_compute_time=1.797,backward_compute_time=2.114,activation_size=411041792.0,parameter_size=0.0]
                                                      Conv2d(128, 128, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1))
                             [forward_compute_time=15.378,backward_compute_time=36.791,activation_size=411041792.0,parameter_size=590336.0]
                                                                              ReLU(inplace)
                                 [forward_compute_time=1.797,backward_compute_time=2.109,activation_size=411041792.0,parameter_size=0.0]
                                                 MaxPool2d(kernel_size=2, stride=2, padding=0, dilation=1, ceil_mode=False)
                                [forward_compute_time=1.602,backward_compute_time=3.627,activation_size=102760448.0,parameter_size=0.0]
                                                      Conv2d(128, 256, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1))
                            [forward_compute_time=7.053,backward_compute_time=14.569,activation_size=205520896.0,parameter_size=1180672.0]
                                                                              ReLU(inplace)
                                [forward_compute_time=0.945,backward_compute_time=1.051,activation_size=205520896.0,parameter_size=0.0]
                                                      Conv2d(256, 256, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1))
                            [forward_compute_time=12.628,backward_compute_time=20.152,activation_size=205520896.0,parameter_size=2360320.0]
                                                                              ReLU(inplace)
                                [forward_compute_time=0.951,backward_compute_time=1.069,activation_size=205520896.0,parameter_size=0.0]
                                                      Conv2d(256, 256, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1))
                            [forward_compute_time=12.144,backward_compute_time=23.604,activation_size=205520896.0,parameter_size=2360320.0]
                                                                              ReLU(inplace)
                                [forward_compute_time=0.955,backward_compute_time=1.062,activation_size=205520896.0,parameter_size=0.0]
                                                MaxPool2d(kernel_size=2, stride=2, padding=0, dilation=1, ceil_mode=False)
                                 [forward_compute_time=0.855,backward_compute_time=1.848,activation_size=51380224.0,parameter_size=0.0]
                                                      Conv2d(256, 512, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1))
                             [forward_compute_time=5.187,backward_compute_time=10.428,activation_size=102760448.0,parameter_size=4720640.0]
                                                                              ReLU(inplace)
                                [forward_compute_time=0.530,backward_compute_time=0.555,activation_size=102760448.0,parameter_size=0.0]
                                                      Conv2d(512, 512, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1))
                             [forward_compute_time=8.707,backward_compute_time=15.878,activation_size=102760448.0,parameter_size=9439232.0]
                                                                              ReLU(inplace)
                                [forward_compute_time=0.687,backward_compute_time=0.556,activation_size=102760448.0,parameter_size=0.0]
                                                      Conv2d(512, 512, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1))
                            [forward_compute_time=8.630,backward_compute_time=18.986,activation_size=102760448.0,parameter_size=9439232.0]
                                                                              ReLU(inplace)
                                [forward_compute_time=0.510,backward_compute_time=0.550,activation_size=102760448.0,parameter_size=0.0]
                                                 MaxPool2d(kernel_size=2, stride=2, padding=0, dilation=1, ceil_mode=False)
                                 [forward compute time=0.454,backward compute time=0.991,activation size=25690112.0,parameter size=0.0]
                                                      Conv2d(512, 512, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1))
                              [forward_compute_time=2.841,backward_compute_time=5.324,activation_size=25690112.0,parameter_size=9439232.0]
                                                                              ReLU(inplace)
                                 [forward_compute_time=0.165,backward_compute_time=0.176,activation_size=25690112.0,parameter_size=0.0]
                                                      Conv2d(512, 512, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1))
                              [forward_compute_time=2.825,backward_compute_time=5.327,activation_size=25690112.0,parameter_size=9439232.0]
                                                                              ReLU(inplace)
                                 [forward_compute_time=0.162,backward_compute_time=0.178,activation_size=25690112.0,parameter_size=0.0]
                                                      Conv2d(512, 512, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1))
                              [forward_compute_time=2.823,backward_compute_time=6.829,activation_size=25690112.0,parameter_size=9439232.0]
                                                                              ReLU(inplace)
                                 [forward_compute_time=0.161,backward_compute_time=0.179,activation_size=25690112.0,parameter_size=0.0]
                                                MaxPool2d(kernel_size=2, stride=2, padding=0, dilation=1, ceil_mode=False)
                                  [forward_compute_time=0.159,backward_compute_time=2.498,activation_size=6422528.0,parameter_size=0.0]
                                            Size(0)
[forward_compute_time=0.000,backward_compute_time=0.000,activation_size=4.0,parameter_size=0.0]
                                                                                 View(-1)
                                  [forward_compute_time=0.000,backward_compute_time=0.000,activation_size=6422528.0,parameter_size=0.0]
                                                           Linear(in_features=25088, out_features=4096, bias=True)
                             [forward_compute_time=3.389,backward_compute_time=3.419,activation_size=1048576.0,parameter_size=411058176.0]
                                                                              ReLU(inplace)
                                  [forward_compute_time=0.066,backward_compute_time=0.035,activation_size=1048576.0,parameter_size=0.0]
                                                                              Dropout(p=0.5)
                                  [forward_compute_time=0.104,backward_compute_time=0.378,activation_size=1048576.0,parameter_size=0.0]
                                                           Linear(in_features=4096, out_features=4096, bias=True)
                              [forward_compute_time=0.437,backward_compute_time=0.614,activation_size=1048576.0,parameter_size=67125248.0]
                                                                              ReLU(inplace)
                                 [forward_compute_time=0.041,backward_compute_time=0.040,activation_size=1048576.0,parameter_size=0.0]
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Dropout(p=0.5)
[forward\_compute\_time=0.057,backward\_compute\_time=0.101,activation\_size=1048576.0,parameter\_size=0.0]

Linear(in\_features=4096, out\_features=1000, bias=True)
[forward compute time=0.209,backward compute time=0.949,activation size=256000.0,parameter size=16388000.0]