General Guide: https://medium.com/@leennewlife/how-to-setup-pytorch-with-cuda-in-windows-11-635dfa56724b

Summary:

1) Install CUDA:
   a. Check current version, command: `nvidia-smi.exe`
   b. Install latest version, command: `conda install --channel "nvidia/label/cuda-11.8.0" package`
   c. Check installation, command: `nvcc --version`
2) Install PyTorch:
   a. Command: `pip3 install torch torchvision torchaudio --extra-index-url https://download.pytorch.org/whl/cu117`

   Got from the website with the following settings:

PyTorch Build	Stable (1.13.0)		Preview (Nightly)	
Your OS	Linux	Mac	Windows	
Package	Conda	Pip	LibTorch	Source
Language	Python		C++ / Java	
Compute Platform	CUDA 11.6	CUDA 11.7	ROCm 5.2	CPU
Run this Command:	pip3 install torch torchvision torchaudio --extra-index-url https://download.pytorch.org/whl/cu117			

   b. Check in spyder:

```
import torchprint(f'PyTorch version: {torch.__version__}')
print('*'*10)
print(f'_CUDA version: ')
!nvcc --version
print('*'*10)
print(f'CUDNN version: {torch.backends.cudnn.version()}')
print(f'Available GPU devices: {torch.cuda.device_count()}')
print(f'Device Name: {torch.cuda.get_device_name()}')
```

   Printed text:

```
PyTorch version: 1.12.1+cu116
**********
_CUDA version:
nvcc: NVIDIA (R) Cuda compiler driver
Copyright (c) 2005-2021 NVIDIA Corporation
Built on Fri_Dec_17_18:28:54_Pacific_Standard_Time_2021
Cuda compilation tools, release 11.6, V11.6.55
Build cuda_11.6.r11.6/compiler.30794723_0
**********
CUDNN version: 8302
Available GPU devices: 1
Device Name: NVIDIA GeForce RTX 3050 Laptop GPU
```