

用的是 VScode, mac 系统装不了 pycharm 和 conda, 用服务器上的环境
conda 环境的名字是 yyzttt, 有很多包, 包含了 pytorch

```
(yyzttt) (base) yyz@4028Dog:~/TTT-US$ conda list
# packages in environment at /usr/local/anaconda3/envs/yyzttt:
#
# Name                                Version                                Build      Channel
_libgcc_mutex                         0.1                                    main       https://mirrors.tuna.tsinghua
da/pkgs/main
_openmp_mutex                         5.1                                    1_gnu       https://mirrors.tuna.tsinghua
da/pkgs/main
absl-py                              2.0.0                                pypi_0     pypi
antlr4-python3-runtime                4.9.3                                pypi_0     pypi
appdirs                              1.4.4                                pypi_0     pypi
backpack                              0.1                                    pypi_0     pypi
backpack-for-pytorch                 1.5.2                                pypi_0     pypi
black                                 21.4b2                               pypi_0     pypi
blas                                  1.0                                    mkl         conda-forge
bzip2                                 1.0.8                                h4bc722e_7  conda-forge
ca-certificates                      2025.2.25                            h06a4308_0  https://mirrors.tuna.tsinghua
da/pkgs/main
cachetools                           5.3.2                                pypi_0     pypi
certifi                              2025.1.31                            pypi_0     pypi
charset-normalizer                   3.3.2                                pypi_0     pypi
click                                 8.1.7                                pypi_0     pypi
cloudpickle                          2.2.1                                pypi_0     pypi
cudatoolkit                          11.3.1                                hb98b00a_13 conda-forge
cycler                               0.11.0                               pypi_0     pypi
detectron2                           0.6                                    dev_0       <develop>
easydict                             1.11                                pypi_0     pypi
einops                               0.6.1                                pypi_0     pypi
ffmpeg                                4.3                                    hf484d3e_0  pytorch
filelock                             3.12.2                               pypi_0     pypi
fonttools                            4.38.0                               pypi_0     pypi
freetype                             2.10.4                               h0708190_1  conda-forge
fsspec                               2023.1.0                             pypi_0     pypi
```

可见 pytorch 的版本是 1.9.1 cuda 版本 11.1

```
(yyzttt) (base) yyz@4028Dog:~/TTT-US$ python
Python 3.9.21 (main, Dec 11 2024, 16:24:11)
[GCC 11.2.0] :: Anaconda, Inc. on linux
Type "help", "copyright", "credits" or "license" for more information.
>>> import torch
cuda.is_available()>>> print(torch.__version__)
1.9.1+cu111
>>> print(torch.cuda.is_available())
True
>>>
```

虚拟环境的 CUDA 版本是 11.7

```
(yyzttt) (base) yyz@4028Dog:~/TTT-US$ nvcc --version
nvcc: NVIDIA (R) Cuda compiler driver
Copyright (c) 2005-2022 NVIDIA Corporation
Built on Tue_May__3_18:49:52_PDT_2022
Cuda compilation tools, release 11.7, V11.7.64
Build cuda_11.7.r11.7/compiler.31294372_0
```