**Deep Learning Performance Benchmark**

Student ID:

Student Name:

\* Two files: cifar10-vgg16\_performance.py, mnist\_lenet\_performance.py

\* Command

* CPU: python *file\_name.py* --device “cpu”
* GPU: python *file\_name.py* --device “cuda”
* Apple M1: python *file\_name.py* --device “mps”

\* **AI Server**

**Spec: CPU - , GPU -**

- CPU time

* Total training time:
* Test accuracy:
* Total time:

- GPU time:

* Total training time:
* Test accuracy:
* Total time:

\* **Local machine**

**Spec: CPU - , GPU – rtx4060 laptop gpu**

- CPU time

* Total training time:
* Test accuracy:
* Total time:

- GPU time (if possible):

* Total training time:0.15min
* Test accuracy:91.51%
* Total time:0.34min

- MPS time (only for Mac users):

* Total training time:
* Test accuracy:
* Total time: