## **Partial Point Cloud Registration with Deep Local Feature**

## **Prerequisites**

The code has been tested running under Python 3.6.10.

The required packages are as follows:

* Pytorch=1.0.1
* numpy
* scikit-learn
* h5py
* tqdm

## **Code Reference**

# Code reference: Partial Registration Network: [GitHub - WangYueFt/prnet: prnet](https://github.com/WangYueFt/prnet)

## **Training**

### **exp1 modelnet40 unseen objects**

python main.py --exp\_name=exp1

### **exp2 modelnet40 unseen categories**

python main.py --exp\_name=exp2 --unseen=True

## **exp3 modelnet40 unseen objects with Gaussian noise**

python main.py --exp\_name=exp3 --gaussian\_noise=True