Dongyu Xu

Beijing University of Posts and Telecommunications   Communication Engineering
TEL : +86 18178809563   E-mail : xudongyu@bupt.edu.cn

EDUCATION   *B.S.*   *Beijing University of Posts and Telecommunications*   2019.9 - 2023.7

INTERNSHIPS   *Algorithm Intern   Institute of Automation, Chinese Academy of Science* 2022.7 -
Responsible for vehicle re-identification

Engineering Intern   Bytedance AI-Lab   2021.11 - 2022.5
Responsible for building machine learning training systems

PROJECTS   Dataset generator   Institution of Automation
Design and implement a program to get high-quality images from video automatically

pika system   Bytedance AI-Lab
Implement the Trainer part of pika according to the Builder Method and offers post-processing interface
Use multiprocess to implement a Dataloader which can be used in both PyTorch and Tensorflow
(Dataloader toy demo : https://github.com/DongyuXu77/MultiDataloader.git)

CVBenchmark   Bytedance AI-Lab
Implement a system reproducing the classical CV model to do some model compress experiments on PyTorch and TF1.15 separately

BI-Selection   College Students' Innovation and Entrepreneurship Competition
Design and implement a program to judge the staff's contribution to a text

CONTRIBUTION   pytorch/data
#753   to_map_datapipe doesn't behave lazily loading in multiprocessing   Merged

AWARDS   Second Prize   NOIP   2016