

Dongyu Xu

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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 multiprocessing 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