

Title: Learning to Create Data

Speaker: Amlan Kar, 3rd year PhD student at the University of Toronto

Abstract:

Industrial A.I. applications have started to strongly center around data pipelines, from raw data capture to annotation and downstream usage. A huge part of this pipeline is driven manually through human labour intensive tasks. In this talk, we will discover some of these steps and discuss methods to accelerate them with Machine Learning. This will include work from CVPR '19, ICCV '19 and current submitted ongoing work, from the University of Toronto and NVIDIA.

Bio:

Amlan Kar is a 3rd year PhD student at the University of Toronto with Prof. Sanja Fidler. He is also a part-time Research Scientist at the NVIDIA AI Lab in Toronto. He graduated with his B.Tech. in Computer Science from IITK in 2017. His work is in Computer Vision, and mainly focuses on answering how we can efficiently introduce learning into modern data pipelines, also touching related areas of efficient data usage, through active learning and semi-supervised learning.