About Reetesh Mukul

Reetesh Mukul, MTech(IIITB), is a Applied Computer Scientist in the the Vision Team. In past he has worked in Huawei, Adobe, Flipkart, Qualcomm, and Texas Instruments; where for the last 14 years he has been working in Deep Learning, Computer Vision, and Optimization. He has been instrumental partially or fully in the Algorithm Development for Creative Advertisement, Cognitive Algorithms, DDPM, Image Blur, Image Duplicate Detection, Panoptic Segmentation, Tensor Mathematics, Markov Decision Processbased Scheduling, Bandits-based Resource Management, Ad CTR prediction, and OCR. His interests lie in Bandits, Reinforcement Learning, Neural Architecture, Topology, Group Theory,and Functional Programming. In the last 7 years, he has submitted 20+ patents in Deep LearningArea, 10+ patents are filed for US Patents.

His current research interest lies in Mathematics and Mathematical Topology associated with Variational Auto Encoders, Probabilistic Programming, DDPM, and Q-Learning. Currently, he is designing problem statements around Large Multimodals and Video Understanding.