Avijit Dasgupta

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EDUCATION

International Institute of Information Technology   Hyderabad, India
Ph.D. in Computer Science (Advisors: Prof. C. V. Jawahar, Dr. Karteek Alahari)   *Jan. 2017 – current*

West Bengal University of Technology   Kolkata, India
B.Tech. in Electronics and Communication Engineering   *Aug. 2009 – Jul 2013*

EXPERIENCE

Visiting Research Fellow   February 2019 – May 2019
Thoth, Inria Grenoble   *Grenoble, France*

Research Intern   October 2016 – December 2016
CVIT, International Institute of Information Technology   *Hyderabad, India*

Junior Research Fellow   July 2014 – October 2016
Indian Institute of Technology Kharagpur   *Kharagpur, India*

Research Intern   June 2012 – July 2013
Machine Intelligence Unit, Indian Statistical Institute   *Kolkata, India*

PUBLICATIONS

Avijit Dasgupta, C. V. Jawahar, Karteek Alahari, **Evaluating Egocentric Video Domain Generalization in the Era of VLMs** (*under submission*)

Kristen Grauman, Andrew Westbury, Lorenzo Torresani, Kris Kitani, Jitendra Malik, ..., *Avijit Dasgupta* ..*, **Ego-Exo4D: Understanding Skilled Human Activity from First- and Third-Person Perspectives**, CVPR'24 (*Oral*)

Avijit Dasgupta, C. V. Jawahar, Karteek Alahari, **Source-free Video Domain Adaptation by Learning from Noisy Labels** (*under submission*)

Avijit Dasgupta, C. V. Jawahar, Karteek Alahari, **Overcoming Label Noise for Source-free Unsupervised Video Domain Adaptation**, ICVGIP'22 (*Best paper runner-up*)

Avijit Dasgupta, C. V. Jawahar, Karteek Alahari, **Context Aware Group Activity Recognition**, ICPR'20

Avijit Dasgupta, Sonam Singh, **A Fully Convolutional Neural Network Based Structured Prediction Approach Towards Retinal Vessel Segmentation**, ISBI'17

AWARDS AND HONORS

Received **best paper runner-up** award at ICVGIP'22

Received **IFCPAR/CEFIPRA 2019** grant to visit THOTH lab at Inria Grenoble - Rhône-Alpes, Grenoble, France.

Awarded the **Google India PhD Fellowship, 2017** in Machine Perception, Speech Technology and Computer Vision (One out of 4 awardees selected across India)

Received travel grant from **Indian Council of Medical Research (ICMR)** to attend ISBI 2017, Melbourne, Australia

Awarded **Junior Research Fellowship** from Ministry of Human Resource Development (MHRD)

REVIEWER

Conferences: CVPR'24, CVPR'23, ECCV'24, ICDAR'24, ECCV'22, ICVGIP'23, ICVGIP'22
Journals: TMI, JBHI, CIBM

TECHNICAL SKILLS

Languages: Python, C/C++
Frameworks: PyTorch, Tensorflow, PyTorchVideo, PySlowFast, Langchain