# 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

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