

Gagan Kanojia

Ph.D. Student, IIT Gandhinagar

CONTACT INFORMATION	F-215, IIT Gandhinagar, Palaj Campus, Gandhinagar, Gujarat, 382355	☎ (+91) 9173165219 ✉ gagan.kanojia1@gmail.com 🐙 gagankanojia.github.io
EDUCATION	Indian Institute of Technology Gandhinagar <i>Ph.D. Student in Electrical Engineering</i> Supervisor: Prof. Shanmuganathan Raman CPI : 9.39/10	May 2015 - Present
	Indian Institute of Technology Gandhinagar <i>B.Tech. in Electrical Engineering with Minor in Computer Science</i> CPI : 7.72/ 10	2014
	Kendriya Vidyalaya No.4, Gwalior (M.P.) High School Certificate (CBSE) 85.4%	2009
	Khushal Vidya Peeth, Gwalior (M.P.) Secondary School Certificate (CBSE) 85%	2007
RESEARCH INTERESTS	Computer Vision, Deep Learning, and Computational Photography	
WORK EXPERIENCE	eClerx Services Limited Worked as a Senior Software Engineer	May 2014 - May 2015
AWARDS	TCS Research Scholarship	July 2016 - Present
	The Spot Award Awarded for demonstrating excellence in the assigned tasks at eClerx Services Ltd.	September 2014
PUBLICATIONS	Gagan Kanojia, and Shanmuganathan Raman. "Learning to Sort Image Sequences via Accumulated Temporal Differences." [Under review in Winter Conference on Applications of Computer Vision 2020]	
	Gagan Kanojia, and Shanmuganathan Raman. "MIC-GAN: Multi-view assisted Image Completion using Conditional Generative Adversarial Networks." [Under review in NCC 2020]	
	Gagan Kanojia, and Shanmuganathan Raman. "Simultaneous Detection and Removal of Dynamic Objects in Multi-view Images." In Winter Conference on Applications of Computer Vision (WACV), 2020	
	Gagan Kanojia, Sudhakar Kumawat, and Shanmuganathan Raman. "Exploring Temporal Differences in 3D Convolutional Neural Networks." In National Conference on Computer Vision, Pattern Recognition, Image Processing and Graphics (NCVPRIPG), 2019	

Gagan Kanojia, Sudhakar Kumawat, and Shanmuganathan Raman. "Attentive spatio-temporal representation learning for diving classification." In IEEE Conference on Computer Vision and Pattern Recognition Workshops, 2019.

Gagan Kanojia, and Shanmuganathan Raman. "DeepImSeq: Deep image sequencing for unsynchronized cameras." In Pattern Recognition Letters 117 (2019): 9-15.

Gagan Kanojia, and Shanmuganathan Raman. "Patch-based detection of dynamic objects in CrowdCam images." In The Visual Computer 35.4 (2019): 521-534.

Gagan Kanojia, and Shanmuganathan Raman. "Postcapture focusing using regression forest." In IEEE Signal Processing Letters 24.6 (2017): 751-755.

Gagan Kanojia, Sri Raghu Malireddi, Sai Chowdary Gullapally, and Shanmuganathan Raman. "Who Shot the Picture and When?." In International Symposium on Visual Computing, pp. 438-447. Springer, Cham, 2014.

Gagan Kanojia, and Shanmuganathan Raman. "FacialStereo: Facial depth estimation from a stereo pair." In Computer Vision Theory and Applications (VISAPP), 2014 International Conference on, vol. 3, pp. 686-691. IEEE, 2014.

TECHNICAL SKILLS Programming Languages: C, Python, MATLAB
Libraries and Scripts: PyTorch, OpenCV, Numpy
APIs: OpenMP

RELEVANT COURSEWORK IN PH.D.	Mathematical Foundations for Computer Vision	Computational Photography
	Randomized and Approximate Algorithms	Data Mining
	Artificial Neural Networks	Machine Learning
	Algorithms on Advanced Architectures	Topics in Real Analysis

RELEVANT COURSEWORK IN B.TECH.	3D Computer Vision	Digital Image Processing	Digital Signal Processing
	VLSI design	Discrete Mathematics	Artificial Intelligence
	Intro. to Data Science	Data Structures	Algorithms