

KANCHANA RANASINGHE

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EDUCATION

Stony Brook University, NY, USA <i>PhD in Computer Science</i>	Aug 2021 - Present
University of Moratuwa, Sri Lanka <i>BSc in Engineering; GPA: 3.95/4.20; Awarded Most Outstanding Graduated of the Year</i>	Dec 2015 - Jan 2020

EXPERIENCE

MBZUAI, Abu Dhabi, UAE - <i>Research Assistant</i>	Nov 2020 - Aug 2021
VeracityAI, Colombo, Sri Lanka <i>Machine Learning Engineer</i> <i>Associate Data Scientist</i>	Feb 2020 - Oct 2020 Jan 2019 - Jan 2020
FiveAI, Cambridge, UK - <i>Research Intern</i>	June 2018 - Dec 2018
University of Moratuwa, Sri Lanka - <i>Undergraduate Researcher</i>	July 2016 - Aug 2017

SELECTED PUBLICATIONS

Self-supervised Video Transformers K Ranasinghe , M Naseer, S Khan, F Khan, M Ryoo	CVPR, 2022 (oral)
On Improving Adversarial Transferability of Vision Transformers M Naseer*, K Ranasinghe *, S Khan, F Khan, F Porikli	ICLR, 2022 (spotlight)
Intriguing Properties of Vision Transformers M Naseer, K Ranasinghe , S Khan, M Hayat, F Khan, M Yang	NeurIPS, 2021 (spotlight)
Orthogonal Projection Loss K Ranasinghe , M Naseer, M Hayat, S Khan, F Khan	ICCV, 2021
Conditional Generative Modeling via Learning the Latent Space S. Ramasinghe, K Ranasinghe , Salman Khan, Nick Barnes, and Stephen Gould	ICLR, 2021
Bipartite Conditional Random Fields for Panoptic Segmentation S. Jayasumana, K Ranasinghe , M. Jayawardhana, S. Liyanaarachchi and H. Ranasinghe	BMVC, 2020 (oral)
Combined Static & Motion Features for Deep-Networks Based Activity Recognition in Videos IEEE Transactions on Circuits and Systems for Video Technology, vol. 29, no. 9, pp. 2693-2707, Sept. 2019. S. Ramasinghe, J. Rajasegaran, V. Jayasundara, K Ranasinghe , R. Rodrigo and A. A. Pasqual,	

SELECTED AWARDS

Most Outstanding Graduated of the Year - University of Moratuwa, Sri Lanka	2020
Mahapola Merit Scholarship - Ranked 13th in Sri Lanka at GCE Advanced Level Examination	2014
Participation/ Ranked 296th in world - International Mathematical Olympiad (IMO), Columbia	2013
Bronze Medalist - International Mathematics Competition, South Korea	2010
International Representation / National Champion - IGNOU UNESCO Science Olympiad, India	2011

PROFESSIONAL ACTIVITIES

British Machine Vision Conference - Peer Reviewer	2020, 2021
IEEE Transactions on Circuits and Systems for Video Technology - Peer Reviewer	2017, 2018

VOLUNTEER EXPERIENCE / LEADERSHIP

Captain - University of Moratuwa Debating Team	2016/2017
Executive Committee - Sri Lanka Model United Nations	2015
President - Gavel Club of high school (affiliated to Toastmasters International)	2012/2013

