KANCHANA NISAL RANASINGHE

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EDUCATION

University of Moratuwa, Sri Lanka   **CGPA: 3.95** (First Class Honours)   Dec 2015 - Jan 2020
B.Sc. Engineering - *Awarded Most Outstanding Graduand of the Year*   Dean's List: Semester 1,2,3,4,6,7,8

Royal College, Colombo, Sri Lanka   Grad: Dec 2014
GCE Advanced Level (Mathematics, Physics, Chemistry, General English)   4As / 13th in country / z-score of 2.83
(country-wide university entrance examination taken by over 100,000 students annually)

EXPERIENCE

MBZUAI, Abu Dhabi, UAE
Research Assistant   (Nov 2020 - Present)

VeracityAI, Colombo, Sri Lanka
Machine Learning Engineer   (Feb 2020 - Oct 2020)
Associate Data Scientist   (Jan 2019 - Jan 2020)

FiveAI, Cambridge, UK
Research Intern   (June 2018 - Dec 2018)

PUBLICATIONS

S. Ramasinghe, **K Ranasinghe**, Salman Khan, Nick Barnes, and Stephen Gould, **Conditional Generative Modeling in Continuous Multimodal Spaces** (submitted for ICLR 2021)

S. Jayasumana, **K. Ranasinghe**, M. Jayawardhana, S. Liyanaarachchi and H. Ranasinghe, **Bipartite Conditional Random Fields for Panoptic Segmentation**, Proceedings of the British Machine Vision Conference, 2020.

S. Ramasinghe, J. Rajasegaran, V. Jayasundara, **K. Ranasinghe**, R. Rodrigo and A. A. Pasqual, **Combined Static and Motion Features for Deep-Networks Based Activity Recognition in Videos,** in 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. Pasqual, **Micro Actions and Deep Static Features for Activity Recognition**, 2017 International Conference on Digital Image Computing: Techniques and Applications (DICTA), Sydney, Australia, 2017, pp. 1-8.

K. Ranasinghe, M. Jayawardhana, S. Liyanaarachchi and H. Ranasinghe, **Extending Multi-Object Tracking systems to better exploit appearance and 3D information**, 2019 arxiv preprint.

SELECTED AWARDS

Most Outstanding Graduand of the Year - University of Moratuwa, Sri Lanka	2020
Mahapola Merit Award - Ranked 13th in Sri Lanka at GCE Advanced Level	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
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 Royal College (affiliated to Toastmasters International)	2012/2013
Community Service Director - Interact Club of Royal College	2013/2014