ALOK SINGH

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Research Interests

Video shot boundary detection, Video captioning, Image processing, Machine Learning

Education

National Institute of Technology, Silchar   2019 - current
Ph.D, Department of CSE   Advisor: Dr. Thodum Doren Singh,
Prof.Sivaji Bandyopadhyay

National Institute of Technology, Silchar   2017-2019
M.Tech, Department of CSE   Advisor: Dr. Dalton Meitei
Thounaojam

Uttarakhand Technical University, India   2013-2017
B.Tech College of engineering roorkee

Publication

Journal Paper

1. Singh, A., Thounaojam, D. M., & Chakraborty, S. (2019). *A novel automatic shot boundary detection algorithm: robust to illumination and motion effect*. Signal, Image and Video Processing, 1-9

Conference Paper

1. Singh, A., Singh, T., & Bandyopadhyay, S. *Generation and Evauation of Hindi Image Captioning of Visual Genome. (Accepted in I3CS-2020)*

Workshop Paper

1. Singh, A., Singh, T., & Bandyopadhyay, S. (2020). *NITS-VC system for VATEX Video Captioing Challenge 2020*. workshop LVVU CVPR 2020.

Academic Activites

1. Workshop Reviewing. ALVR ACL2020
2. "COMPUTER SOCIETY OF INDIA" member and attended various workshop conducted by CSI.

Internships

RWX Technology   June 2016- July2016

Technical Skills

Programming Language : Python, C.
Framework & Tools   : Keras, Tensorflow.
Softwares & OS   : Ubuntu, windows, MATLAB.

Personal Siklls

1. Always follow target-specific approach.
2. Always seeks for improvement.
3. Ability to work as individual as well as in group.