

# Anshul Mittal

me@anshulmittal.org • +91 (989) 777-2290 • Home Page

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## EDUCATION

### Indian Institute of Technology Delhi, Delhi, India

- Ph.D. - Advised by **Dr. Manik Varma** and **Dr. Sumeet Agrawal** Jan 2020 – Present
  - Google PhD Fellow
  - CGPA := 10 on a scale of 10
- Masters(MS Research) - Advised by **Dr. Manik Varma** and **Dr. Sumeet Agrawal** Jan 2018 – Dec 2019
  - CGPA := 9.75 on a scale of 10

### Indian Institute of Technology Roorkee, Uttarakhand, India

Jul 2013 – Jun 2017

- Bachelor of Technology
  - CGPA := 8.5 on a scale of 10.0

### Ramjas School, Delhi, India

- XII : 93% with Computer Science Mar 2013
- X : CGPA := 9.6 on a scale of 10.0 Mar 2011

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## PUBLICATIONS

- *ECLARE: Extreme classification with label graph correlations*, **A. Mittal**, N. Sachdeva, S. Agrawal, S. Agarwal, P. Kar and M. Varma, TheWebConf, 2021 ([link](#))
- *DECAF: Deep extreme classification with label features*, **A. Mittal**, K. Dahiya, S. Agrawal, D. Saini, S. Agarwal, P. Kar and M. Varma, WSDM, 2021 ([link](#))
- *DeepXML: A deep extreme multi-Label learning framework applied to short text documents*, K. Dahiya, D. Saini, **A. Mittal**, A. Shaw, K. Dave, A. Soni, H. Jain, S. Agarwal and M. Varma, WSDM, 2021 ([link](#))
- *A modified LSTM model for continuous sign language recognition using leap motion*, **A. Mittal**, P. Kumar, P.P. Roy, B. Raman and B.B. Chaudhuri, IEEE Sensors Journal ([link](#))
- *Rotation and Script Independent Text Detection from Video Frames using Sub Pixel Mapping*, **A. Mittal**, P.P. Roy and B. Raman, Journal of Visual Communication and Image Representation ([link](#))
- *Data extraction from traffic videos using machine learning approach*, **A. Mittal**, M. Gupta and I. Ghosh, Soft Computing for Problem Solving, 2017 ([link](#))
- *Multi-Oriented Text Detection from Video using Sub-Pixel Mapping*, **A. Mittal**, P.P. Roy and B. Raman, in CVIP ([link](#))

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## RESEARCH INTERNSHIPS

### Indian Institute of Technology Madras

- Intelligent Transportation System - supervisor: **Dr. G. Ramadurai** and **Dr. I. Ghosh** May 2015 – Jun 2015

### Indraprastha Institute of Information Technology Delhi

- Infosys Center for Artificial Intelligence - supervisor: **Dr. C. Arora** May 2016 – Jul 2016

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## COMPUTER SKILLS

PROGRAMMING LANGUAGES, C#, C++, PYTHON, PHP, JavaScript  
TOOLS AND TECHNOLOGIES, Eagle Board-xm, Raspberry pi, L<sup>A</sup>T<sub>E</sub>X, SQL  
LIBRARIES, theano, CUDA, CAFFE, OpenCV, Tensor Flow, PyTorch