

# Prasun Roy

Email: [prasunroy.pr@gmail.com](mailto:prasunroy.pr@gmail.com) • Website: <https://prasunroy.github.io>  
GitHub • Google Scholar • LinkedIn • Twitter

## EDUCATION

**West Bengal University of Technology**, Kolkata, WB, India

- M.Tech. in Computer Science & Engineering Jul 2014 – Jun 2016
  - Cumulative GPA: 8.16 / 10.0
- MCA in Computer Science Jul 2010 – Jun 2013
  - Cumulative GPA: 8.41 / 10.0

**University of Calcutta**, Kolkata, WB, India

- B.Sc. (Honours) in Chemistry Jul 2005 – Jun 2008

## EXPERIENCE

**Indian Statistical Institute**, Kolkata, WB, India

- Research Engineer, Computer Vision and Pattern Recognition Unit May 2017 – Mar 2020

## PUBLICATIONS

### CONFERENCES

- [1] P. Roy, S. Bhattacharya, S. Ghosh and U. Pal, “STEFANN: Scene Text Editor using Font Adaptive Neural Network,” in *The IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR)*, Seattle, Washington, USA, Jun 2020.
- [2] S. Ghosh, P. Roy, S. Bhattacharya and U. Pal, “Large-Scale Font Identification from Document Images,” in *The Asian Conference on Pattern Recognition (ACPR)*, Auckland, New Zealand, Nov 2019.
- [3] A. Rahman, P. Roy and U. Pal, “Continuous Motion Numeral Recognition Using RNN Architecture in Air-Writing Environment,” in *The Asian Conference on Pattern Recognition (ACPR)*, Auckland, New Zealand, Nov 2019.
- [4] P. Roy, S. Ghosh and U. Pal, “A CNN Based Framework for Unistroke Numeral Recognition in Air-Writing,” in *The International Conference on Frontiers in Handwriting Recognition (ICFHR)*, Niagara Falls, USA, Aug 2018.

### PREPRINTS

- [1] P. Roy, S. Bhattacharya, S. Ghosh and U. Pal, “Y-Net: Faster Pose Transfer for Person Image Generation,” Submitted to a conference.
- [2] P. Roy, S. Ghosh, S. Bhattacharya and U. Pal, “Effects of Degradations on Deep Neural Network Architectures,” Submitted to a journal.

## PATENTS & COPYRIGHTS

### COPYRIGHTS

- [1] S. Bhattacharya, P. Roy, S. Ghosh and U. Pal, Software Copyright on “STEFANN: Scene Text Editor using Font Adaptive Neural Network,” granted by *The Copyright Office, Govt. of India*, ROC No. SW-12778/2019, Diary No. 9737/2019-CO/SW, Sep 2019.

## AWARDS & SCHOLARSHIPS

- Qualified Graduate Aptitude Test in Engineering (GATE) with 96.08 percentile. Mar 2016
- AICTE GATE Scholarship awarded by MHRD Govt. of India. Jul 2014 – Jun 2016
- Qualified Graduate Aptitude Test in Engineering (GATE) with 94.74 percentile. Mar 2014
- Ranked 5th in West Bengal Joint Entrance Examination for MCA (JECA). Jun 2010

## SKILLS

Python, PyTorch, Keras, OpenCV, Git, L<sup>A</sup>T<sub>E</sub>X.

## REFERENCES

Available on request.

[CV compiled on 2020-06-10]