

Aditya Deshpande

PhD Candidate (4th Year)
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Education

University of Illinois at Urbana-Champaign
Ph.D., Computer Science, 2014-Present (May 2019, Expected Graduation)
Advisor: Prof. David Forsyth

International Institute of Information Technology, Hyderabad
B. Tech. with MS by Research in Computer Science
Advisor: Prof. P J Narayanan

Selected Publications

Convolutional Image Captioning, Submitted to CVPR'18

Learning Diverse Image Colorization, In Proceedings of Computer Vision and Pattern Recognition (CVPR'17)

Learning Large-Scale Automatic Image Colorization, In Proceedings of International Conference on Computer Vision (ICCV'15)

Multi-stage SFM: Revisiting Incremental Structure-from-Motion, In Proceedings of International Conference on 3D Vision (3DV'14)

Can GPUs Sort Strings Efficiently? (Best GPU Paper)
In Proceedings of IEEE Conference on High Performance Computing (HiPC'13)

Work Experience

🍏 **Apple**, Computer Vision Intern (Summer 2014, 2015)
📄 **Google Summer of Code**, Software Developer for OpenJPEG (Summer 2012)
📄 **Google**, Software Engineering Intern (Summer 2011)
📄 **University of Illinois**, Research and Teaching Assistant (2014-Present)
📄 **IIIT Hyderabad**, Research and Teaching Assistant (2008-2014)

Awards and Service

Best GPU Paper Award at IEEE Intl. Conf. on High Performance Computing

Dean's Merit List, Research Award of IIIT Hyderabad (Fall'08, Spring'11,'12)

Reviewer for: **IEEE TPAMI, IEEE TIP, CVPR, ICCV, JPDC**

Awarded the **National Talent Search Scholarship** by NCERT (Govt. of India)

Secured merit position in school-level exams: **Junior Maths Olympiad, National Standard Exam in Physics, National Science Day Quiz**

Research Areas

Computer Vision, Machine Learning, Deep Learning

Skill Set

Python, CUDA, C, C++, MATLAB, PyTorch, Tensorflow, Caffe, Thrust, bash