

SHIKHAR VASHITHTH

CONTACT INFORMATION	MALL Lab, CDS, Indian Institute of Science, Bangalore	<i>Email:</i> shikhar@iisc.ac.in <i>Links:</i> Webpage , Scholar , Github
EDUCATION	Indian Institute of Science , Bangalore, India <i>PhD in Computer Science and Automation</i> Advised by Dr. Partha P. Talukdar and Prof. Chiranjib Bhattacharyya	2016-Present GPA: 9.1/10
	Birla Institute of Technology and Science, Pilani , Pilani, India <i>M.Sc.(Tech.) Information Systems</i> With Distinction, Rank #1 in branch	2012-2016 GPA: 9.18/10
WORK EXPERIENCE	ADAPT Lab , BITS Pilani, India <i>Undergraduate Thesis</i> (Advisor: Prof. Navneet Goyal) Worked on designing a hybrid algorithm for Principal Components Analysis (PCA).	Jan 2016 - May 2016
	Microsoft IDC , Hyderabad, India <i>SDE Intern, Microsoft Office Team</i> Worked on integrating Google Sign in in MS Office Android apps for reducing user friction.	May 2015 - Jun 2015
	CMC Ltd , Mumbai, India <i>SDE Intern, Java and Web Development Team</i> Worked with LEARN team on enhancing interactivity of project's web pages.	May 2014 - Jun 2014
PUBLICATIONS	Shikhar Vashishth, Shib S. Dasgupta, Swayambhu N. Ray, Partha Talukdar. “Dating Documents using Graph Convolution Networks” , Proceedings of Association of Computational Linguistics (ACL 2018), Melbourne, Australia.	
	Shikhar Vashishth, Prince Jain, Partha Talukdar. “CESI: Canonicalizing Open Knowledge Bases using Embeddings and Side Information” . Proceedings of The Web Conference 2018 (WWW 2018), Lyon, France. [Acceptance Rate: 14.8 %]	
	Yash Sinha, Shikhar Vashishth, K Hari Babu. “Real Time Monitoring of Packet Loss in Software Defined Networks” . Proceedings of International Conference on Ubiquitous Communications and Network Computing 2017.	
	Yash Sinha, Shikhar Vashishth, K Hari Babu. “Estimation of raw packets in SDN” . Proceedings of International Conference on Ubiquitous Communications and Network Computing 2017.	
	Yash Sinha, Shikhar Vashishth, K Hari Babu. “Meticulous Measurement of Control Packets in SDN” . Proceedings of ACM Symposium on SDN Research, (SOSR 2017), Santa Clara, CA.	
	Shikhar Vashishth, Yash Sinha, K Hari Babu. “Addressing Challenges in Browser Based P2P Content Sharing Framework Using WebRTC” . Proceedings of 30th IEEE International Conference on Advanced Information Networking and Applications, (AINA 2016), Switzerland. [Acceptance Rate: 29 %]	
	Shikhar Vashishth, Yash Sinha, K Hari Babu. “A Browser-based Distributed	

Framework for Content Sharing and Student Collaboration“. Proceedings of 4th International Conference on Advanced Computing, Networking, and Informatics.

ACADEMIC
PROJECTS

Document Time Stamping Sep 2017 - Feb 2018
Proposed a state-of-the-art Graph Convolutional Network based solution for predicting time stamp of documents.

Canonicalizing Open KB May 2016 - Sep 2017
Designed a new algorithm, CESI for canonicalizing noun phrase and relation in Open Knowledge Graphs.

Visualizing deep models for Object Recognition May 2016 - Sep 2017
Devised a new method called DeNet for visualizing layers' activations in Deep CNN models for object recognition.

Deep Learning models for sentiment Analysis May 2016 - Sep 2017
Performed comparison of state-of-the-art models for sentiment analysis on several datasets.

Simulating Real Time Motion blur Oct 2016 - Dec 2016
Implemented the state of the art technique for simulating motion blur in animations.

SKILLS

Programming Languages: Python, C, C++, Java, R, MatLab, JavaScript, NodeJS
Tools and Systems: Tensorflow, Open-GL/MP/CV, MPI, Linux, Git, Android

POSITION OF
RESPONSIBILITY

Teaching Assistant for Data mining, BITS Pilani Jan 2016 - May 2016
Assisted in conducting lab sessions on IBM SPSS Modeler.

Techno team head at Nirmaan Organization Aug 2014 - Dec 2014
Supervised team in online and on campus publicity of Nirmaan.

HONORS AND
AWARDS

- Receptient of Microsoft Research grant for attending ACL 2018, Melbourne.
- Receptient of Google Travel grant for attending WWW 2018, Lyon, France.
- Receptient of BITSAA Travel grant for attending AINA 2016, Switzerland.
- Secured 49th rank (top 0.04%) in GATE 2016 CSIT.
- Qualified for ACM ICPC 2014 Kharagpur regionals.
- Secured 8,848 rank (top 1.8%) in IIT-JEE
- Secured 4,334 rank (top 0.74%) in AIEEE