

SHIKHAR VASHISHTH

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 Google PhD Fellow at <i>Dept. of 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	Google Research , New York, NY, USA <i>Research Intern</i> (Supervisor: Dr. Manaal Faruqui)	May 2019 - Present
	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 Office android apps for reducing user friction.	May 2015 - July 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 - July 2014
PUBLICATIONS	<u>Shikhar Vashishth</u> , M. Bhandari, P. Yadav, P. Rai, C. Bhattacharyya, P. Talukdar. “Incorporating Syntactic and Semantic Information in Word Embeddings using Graph Convolutional Networks” , Proceedings of Association of Computational Linguistics (ACL 2019), Florence, Italy.	
	P. Yadav, M. Nimishakavi, N. Yadati, <u>Shikhar Vashishth</u> , A. Rajkumar, P. Talukdar. “Lovasz Convolutional Networks” . Proceedings of International Conference on Artificial Intelligence and Statistics (AISTATS 2019), Naha, Okinawa, Japan.	
	<u>Shikhar Vashishth</u> , P. Yadav, M. Bhandari, P. Talukdar. “Confidence-based Graph Convolutional Networks for Semi-Supervised Learning” . Proceedings of International Conference on Artificial Intelligence and Statistics (AISTATS 2019), Naha, Okinawa, Japan.	
	<u>Shikhar Vashishth</u> , R. Joshi, S. P. Suman, C. Bhattacharyya, P. Talukdar. “RESIDE: Improving Distantly-Supervised Neural Relation Extraction using Side Information” , Proceedings of Conference on Empirical Methods in Natural Language Processing (EMNLP 2018), Brussels, Belgium.	
	<u>Shikhar Vashishth</u> , S. S. Dasgupta, S. N. Ray, P. Talukdar. “Dating Documents using Graph Convolution Networks” , Proceedings of Association of Computational Linguistics (ACL 2018), Melbourne, Australia.	

	<p><u>Shikhar Vashishth</u> P. Jain, P. 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 %]</p> <p>Y. Sinha, <u>Shikhar Vashishth</u>, K Hari Babu. “Meticulous Measurement of Control Packets in SDN”. Proceedings of ACM Symposium on SDN Research, (SOSR 2017), Santa Clara, CA.</p> <p><u>Shikhar Vashishth</u>, Y. 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 %]</p> <p>Y. Sinha, <u>Shikhar Vashishth</u>, K Hari Babu. “Real Time Monitoring of Packet Loss in Software Defined Networks”. Proceedings of International Conference on Ubiquitous Communications and Network Computing 2017.</p> <p>Y. Sinha, <u>Shikhar Vashishth</u>, K Hari Babu. “Estimation of raw packets in SDN”. Proceedings of International Conference on Ubiquitous Communications and Network Computing 2017.</p> <p><u>Shikhar Vashishth</u>, Y. 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.</p>		
SKILLS	<p>Programming Languages: Python, C, C++, Java, R, MatLab, JavaScript, NodeJS</p> <p>Tools and Systems: TensorFlow/Pytorch, Open-GL/MP/CV, MPI, Linux, Git</p>		
POSITION OF RESPONSIBILITY	<p>Reviewer for ACL, EMNLP, CoNLL, Neurocomputing Journal.</p> <p>Teaching Assistant for Algorithms and Programming Aug 2018 - Dec 2018 Indian Institute of Science, Bangalore.</p> <p>Teaching Assistant for Data mining Jan 2016 - May 2016 Birla Institute of Science and Technology, Pilani.</p> <p>Techno team head at Nirmaan Organization Aug 2014 - Dec 2014 Supervised team in online and on campus publicity of Nirmaan.</p>		
HONORS AND AWARDS	<ul style="list-style-type: none"> • Recipient of Google India PhD Fellowship 2018. • Microsoft Research grant for attending ACL 2018, Melbourne. • Google Travel grant for attending WWW 2018, Lyon, France. • 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 		