

# SHIKHAR VASHISHTH

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CONTACT INFORMATION	MALL Lab, CDS, Indian Institute of Science, Bangalore	<i>Email:</i> <a href="mailto:shikhar@iisc.ac.in">shikhar@iisc.ac.in</a> <i>Links:</i> <a href="#">Webpage</a> , <a href="#">Scholar</a> , <a href="#">Github</a>
EDUCATION	<b>Indian Institute of Science</b> , Bangalore, India <b>Google PhD Fellow</b> at Dept. of Computer Science and Automation Advised by <a href="#">Dr. Partha P. Talukdar</a> and <a href="#">Prof. Chiranjib Bhattacharyya</a>	2016-Present GPA: 9.1/10
	<b>Birla Institute of Technology and Science, Pilani</b> ; Pilani, India <i>M.Sc.(Tech.) Information Systems</i> With Distinction, Rank #1 in branch	2012-2016 GPA: 9.18/10
WORK EXPERIENCE	<b>ADAPT Lab</b> , BITS Pilani, India <i>Undergraduate Thesis</i> (Advisor: <a href="#">Prof. Navneet Goyal</a> ) Worked on designing a hybrid algorithm for Principal Components Analysis (PCA).	Jan 2016 - May 2016
	<b>Microsoft IDC</b> , 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
	<b>CMC Ltd</b> , 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> , P. Yadav, M. Bhandari, P. Rai, C. Bhattacharyya, P. Talukdar. <a href="#">“Graph Convolutional Networks based Word Embeddings”</a> , (Under Review)	
	P. Yadav, M. Nimishakavi, N. Yadati, <u>Shikhar Vashishth</u> , A. Rajkumar, P. Talukdar. <a href="#">“Lovasz Convolutional Networks”</a> . Proceedings of International Conference on Artificial Intelligence and Statistics ( <b>AISTATS 2019</b> ), Naha, Okinawa, Japan.	
	<u>Shikhar Vashishth</u> , P. Yadav, M. Bhandari, P. Talukdar. <a href="#">“Confidence-based Graph Convolutional Networks for Semi-Supervised Learning”</a> . Proceedings of International Conference on Artificial Intelligence and Statistics ( <b>AISTATS 2019</b> ), Naha, Okinawa, Japan.	
	<u>Shikhar Vashishth</u> , R. Joshi, S. P. Suman, C. Bhattacharyya, P. Talukdar. <a href="#">“RESIDE: Improving Distantly-Supervised Neural Relation Extraction using Side Information”</a> , Proceedings of Conference on Empirical Methods in Natural Language Processing ( <b>EMNLP 2018</b> ), Brussels, Belgium.	
	<u>Shikhar Vashishth</u> , S. S. Dasgupta, S. N. Ray, P. Talukdar. <a href="#">“Dating Documents using Graph Convolution Networks”</a> , Proceedings of Association of Computational Linguistics ( <b>ACL 2018</b> ), Melbourne, Australia.	
	<u>Shikhar Vashishth</u> , P. Jain, P. Talukdar. <a href="#">“CESI: Canonicalizing Open Knowledge Bases using Embeddings and Side Information”</a> . Proceedings of The Web Conference 2018 ( <b>WWW 2018</b> ), Lyon, France. [ <a href="#">Acceptance Rate: 14.8 %</a> ]	
	Y. Sinha, <u>Shikhar Vashishth</u> , K Hari Babu. <a href="#">“Meticulous Measurement of Control</a>	

**Packets in SDN**". Proceedings of ACM Symposium on SDN Research, (**SOSR 2017**), Santa Clara, CA.

Shikhar Vashishth, 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 %]

Y. 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.

Y. Sinha, Shikhar Vashishth, K Hari Babu. **"Estimation of raw packets in SDN"**. Proceedings of International Conference on Ubiquitous Communications and Network Computing 2017.

Shikhar Vashishth, 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.

#### 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

- 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