

# 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 <i>Dept. of Computer Science and Automation</i> 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>Google Research</b> , New York, NY, USA <i>Research Intern</i> (Supervisor: <a href="#">Dr. Manaal Faruqi</a> )	May 2019 - Present
	<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> , M. Bhandari, P. Yadav, P. Rai, C. Bhattacharyya, P. Talukdar. <b>“Incorporating Syntactic and Semantic Information in Word Embeddings using Graph Convolutional Networks”</b> , Proceedings of Association of Computational Linguistics ( <b>ACL 2019</b> ), Florence, Italy.	
	P. Yadav, M. Nimishakavi, N. Yadati, <u>Shikhar Vashishth</u> , A. Rajkumar, P. Talukdar. <b>“Lovasz Convolutional Networks”</b> . 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. <b>“Confidence-based Graph Convolutional Networks for Semi-Supervised Learning”</b> . 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. <b>“RESIDE: Improving Distantly-Supervised Neural Relation Extraction using Side Information”</b> , 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. <b>“Dating Documents using Graph Convolution Networks”</b> , Proceedings of Association of Computational Linguistics ( <b>ACL 2018</b> ), Melbourne, Australia.	

Shikhar Vashishth 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 %]

Y. 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, 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/Pytorch, Open-GL/MP/CV, MPI, Linux, Git

#### POSITION OF RESPONSIBILITY

<b>Reviewer for ACL and Neurocomputing Journal.</b>	2019 - Present
<b>Teaching Assistant for Algorithms and Programming</b> Indian Institute of Science, Bangalore.	Aug 2018 - Dec 2018
<b>Teaching Assistant for Data mining</b> Birla Institute of Science and Technology, Pilani.	Jan 2016 - May 2016
<b>Techno team head at Nirmaan Organization</b> Supervised team in online and on campus publicity of Nirmaan.	Aug 2014 - Dec 2014

#### 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