

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 Faruqi)	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.	

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

Reviewer for ACL, EMNLP and Neurocomputing Journal. 2019 - Present

Teaching Assistant for Algorithms and Programming Aug 2018 - Dec 2018
Indian Institute of Science, Bangalore.

Teaching Assistant for Data mining Jan 2016 - May 2016
Birla Institute of Science and Technology, Pilani.

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