

# RISHABH JOSHI

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CONTACT INFORMATION	Samsung Research Institute Bangalore, India	E-mail : rishabhjoshi0407@gmail.com Links : <a href="#">Webpage</a> , <a href="#">Github</a> , <a href="#">Google Scholar</a>
EDUCATION	<b>Birla Institute of Technology and Science (BITS), Pilani</b> ; Pilani, India <i>Bachelor of Engineering (Hons.), Computer Science</i> <b>Thesis</b> on "Relation Extraction using Distant Supervision" at IISc, Bangalore  <b>The Mother's International School</b> ; Delhi, India Class XII, CBSE Class X, CBSE	2014 - 2018 CGPA : 9.28/10  2014 95.6% CGPA : 10/10
EXPERIENCE	<b>Samsung Research Institute</b> , Bangalore, India <i>Research Software Engineer</i>  Working in NLU team on creating an on-device resource constrained Intent Classification and Slot Tagging solution. Also working on Speaker Diarization for personalization of voice assistants.  <b>Indian Institute of Science</b> , Bangalore, India <i>Undergraduate Thesis</i> (Advisor : Prof. <a href="#">Partha Talukdar</a> )  Worked with Prof. Partha Talukdar on the problem of Distant Supervised Relation Extraction where we proposed a novel solution using Graph Convolution Networks and information from external databases (Side information). Also worked on other projects involving construction and usage of Knowledge Graphs.  <b>Samsung Research Institute</b> , Bangalore, India <i>Summer Intern</i>  Worked as part of the 5G Team on the data link layer of 5G communication protocol. Created tools for packet generation and analysis.  <b>Indian Institute of Remote Sensing, ISRO</b> , Dehradun, India <i>Research Intern</i>  Worked on DataCube, an analytical framework providing an effective storage, retrieval and analysis of large earth observation datasets, under the supervision of Dr. <a href="#">Sameer Saran</a> . I developed the core API and execution engine with algorithm templates for product generation.	Aug 2018 - Present  Jan 2018 - July 2018  May 2017 - July 2017  May 2016 - July 2016
PUBLICATIONS	Shikhar Vashishth, <b>Rishabh Joshi</b> , Sai Suman Prayaga, Chiranjib Bhattacharyya and Partha Talukdar. 2018. RESIDE : Improving Distantly-Supervised Neural Relation Extraction using Side Information. In <i>Proceedings of the 2018 Conference on Empirical Methods in Natural Language Processing</i> , Brussels, Belgium, Association for Computational Linguistics.	<a href="#">[Paper]</a> <a href="#">[Code]</a>
PROJECTS	<b>iNELL : India centric Never-Ending Language Learner</b> , IISc, Bangalore Worked with Prof. Partha Talukdar on creating a knowledge graph consisting of Indian entities and their relations by crawling the web.  <b>BITS LifeGuard</b> , Wearables, Pervasive and Network Research Lab, BITS Pilani Worked as a Research Assistant under Prof. <a href="#">Rahul Banerjee</a> to develop a fault-tolerant, cost-effective smart driver safety jacket to prevent road accidents.  <b>Distance Iris Recognition</b> , BITS Pilani Worked with Prof. <a href="#">Kamlesh Tiwari</a> on creating a biometric Iris Recognition solution for Low-Quality Distance Iris Images.  <b>Ad Effectiveness and their Impact on Sales</b> , BITS Pilani Worked with Prof. <a href="#">Sangeeta Sharma</a> on analyzing the effectiveness of advertisements on the popularity and sales of products.	Jan 2018 - July 2018  Nov 2015 - Jan 2018  Jan 2017 - May 2017  Aug 2017 - Dec 2017
TEACHING	<b>Teaching Assistant for Data Structures and Algorithms</b> , BITS Pilani Helmed two lab sections and was the jury for the online judge with the responsibility of assisting 200+ students. The course was taught by Prof. <a href="#">Sundar S Balasubramaniam</a>	Jan 2017 - May 2017

HONORS AND AWARDS	<ul style="list-style-type: none"> <li>• <b>1st</b>, Campus ML Hackathon organized by MapMyIndia on Kaggle in APOGEE BITS Pilani, 2017</li> <li>• <b>3rd</b>, ML Hackathon organized by D.E. Shaw on HackerEarth 2017</li> <li>• <b>2nd</b>, E-Yantra, a robotics competition organized by MHRD and IIT Bombay 2016</li> <li>• <b>Merit</b>, Recipient of Institute Merit Scholarship for academic excellence 2015</li> <li>• <b>1574</b>, All India Rank (AIR), IIT-JEE 2014 (out of around 1,300,000)</li> <li>• <b>Inspire</b>, Recipient of Govt. of India Inspire Scholarship (top 1% in CBSE) 2014</li> <li>• <b>All India Topper</b>, Chemistry, CBSE Class XII Board (100/100)</li> <li>• <b>School Topper</b>, Computer Science, CBSE Class XII Board (99/100)</li> </ul>
POSITIONS OF RESPONSIBILITY	<b>Executive Coordinator</b> , Embryo Club, BITS Pilani Apr 2016 - Apr 2017 Responsible for handling the finances of the club and raised the club treasury from Rs. 20,000 to Rs. 180,000. Organized an on campus talk by Amish Tripathi, handling all expenses and negotiations.
	<b>Joint Activities Coordinator</b> , ACM BITS Chapter Aug 2015 - Aug 2016 Responsible for all activities of ACM throughout the year, successfully conducting more than 8 events. BITS-ACM won the best ACM chapter award for that year in India.
EXTRA CURRICULAR ACTIVITIES	Volunteer for National Service Scheme, BITS Pilani chapter from Aug 2014 to Aug 2017. Helped under-privileged people from Pilani and nearby village to become acquainted in computers and technology. Also organized Junoon, a sports festival for physically challenged people.
	Gave introductory lectures to junior year students on transition trends of Campus-to-Corporate (C2C) under, Prof. Sushila Shekhawat.