

NAVNEET RAO

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Education	Carnegie Mellon University	Aug 2013 - Dec 2014
	School of Computer Science, Language Technologies Institute M.S. Intelligent Information Systems, GPA: 3.65 Courses: Machine Learning, Cloud Computing, Search Engines, Applied Machine Learning, Algorithms for Natural Language Processing, Big Data Systems, Multimedia Databases & Data Mining Activities: LTI Student Council (Master's Student Representative)	
	University of Pune	Aug 2008 - Aug 2012
	B.E. Computer Engineering, Grade: First Class with Distinction Courses: Design & Analysis of Algorithms, Advanced Databases, Object Oriented Modelling & Design, Software Engineering, Software Architecture, Distributed Operating Systems Activities: Entrepreneurship Club (President), Educational Initiatives (Volunteer), Recruitment (Student Co-ordinator)	
Work	IBM, Graduate Summer Intern (Watson Core Algorithms Team)	May 2014 - Aug 2014
	<ul style="list-style-type: none">Evaluation of different machine learning and natural language processing techniques to improve question classification in the Watson Engagement Advisor pipeline	
	Tata Consultancy Services (TCS), Assistant System Engineer - Trainee	Dec 2012 - May 2013
	<ul style="list-style-type: none">Developed an assessment system for the training facility at TCS HyderabadLed a team of 6 trainees working on telecom inventory management	
	PuneTech Software Private Limited, Software Engineering Intern	Sep 2011 - Mar 2012
	<ul style="list-style-type: none">Developed a recommender system for the Indian stock markets by mining Twitter, websites	
Research	User Oriented Cyber-security, Advisor: Prof. Eduard Hovy (CMU)	Oct 2013 – May 2014
	<ul style="list-style-type: none">Automated categorization of personal & spam emails using supervised machine learning and natural language processing techniques	
Projects	Digital Stock Market, Advisor: Mary McGlohon (Google)	Sept 2014 – Current
	<ul style="list-style-type: none">Building a virtual stock market, where digital entities (like YouTube videos) can be bought and soldModel the virality of digital entities and identify trends and patterns in user behaviour	
	Twitter Analytics	Feb 2014 – Apr 2014
	<ul style="list-style-type: none">Design and implementation of an efficient REST based service, which required running analytics jobs on a 250 GB Twitter dataset	
	Predicting the Quality of Amazon Reviews, Advisor: Carolyn Rose (CMU)	Sept 2013 – Dec 2013
	<ul style="list-style-type: none">Involved predicting the quality of product reviews on Amazon using machine learning techniques, to improve user experience	
	Information Retrieval Techniques	Sept 2013 – May 2014
	<ul style="list-style-type: none">Implemented techniques like Collaborative Filtering, Logistic Regression, BM25, Pseudo Relevance feedback	
Honors	Star of the Learner's Group, TCS, Hyderabad	Apr 2013
	Best Outgoing Student, Computer Engineering - Rajarshi Shahu College, Pune	Apr 2012
	Best Project Award at 2 inter-university project competitions, Pune	Mar 2012
	Best Paper Award at an inter-university technical symposium, Pune	Mar 2012
	Certificate of Leadership, National Entrepreneurship Network	Sep 2011
Talks	Towards User Oriented Cyber-security 2014 CCICADA Research Symposium, RPI, New York	May 2014
Skills	Languages	Java (proficient), Python, SQL
	Tools	Eclipse, Oracle DBMS, MySQL, Weka, Lightside, Lucene, Hadoop Map Reduce, Amazon Web Services, Elastic Map Reduce, Scrapy Framework, SVDLIBC, word2vector