

Anjishnu Kumar

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EDUCATION	Columbia University in the City of New York Master of Science, Computer Science (Applied Machine Learning)	December 2014 GPA: 3.97/4.00
	Birla Institute of Technology and Science, Pilani, India Bachelor of Engineering (with Honours) Chemical Engineering	March 2013 First Division
SKILLS	Primary Tools: Python, Java, C, C++, Linux Familiar With: MATLAB/Octave, Spark, Android, AWS, R, Scala, Javascript, SQL, HTML/CSS,	
EXPERIENCE	Amazon Labs – Machine Learning Scientist, Seattle, WA	Feb 2015 Onwards
	Machine Learning Scientist on the Blueshift Science team, working on language modeling and natural language understanding for Amazon's Alexa Virtual Assistant. Built the machine learning framework behind the Alexa Skills Kit (ASK) Voice SDK. NLU, Statistical Language Models, Deep Learning. Python, Java, C. 1 Patent Filed.	
	The Huffington Post – Data Scientist Intern, New York, NY	September - Dec 2014
	Architected a memory efficient state-of-the-art opinion mining framework using recursive neural networks and developed a library for dimensionality reduction/visualization. Python, Neural Nets, D3.js, T-SNE, Gensim	
	Amazon – Research Scientist Intern, Cambridge, MA	May 2014 - August 2014
	Interned at the Amazon Echo Natural Language Understanding team, worked on using machine learning and probabilistic data structures for data compression. 1 patent filed. Python/Java/NLP/Machine Learning.	
SELECTED PROJECTS	The Earth Institute – Software Engineering Intern, New York, NY	October 2013 - May 2014
	Developed analytics tooling to detect outliers and anomalous user behavior generated from the Sustainable Engineering Labs' <i>Sharesolar</i> project- a decentralized solar energy system in Africa. Python/PostgreSQL	
	Collegefeed (Acquired by AfterCollege) – Consultant (Growth), New York, NY	October 2012 - May 2014
	Responsible for formulating and implementing Collegefeed's India business development strategy and drove early growth in user acquisition from top tier Indian colleges (IITs/BITS) and Ivy League schools in the US.	
	Electronic Arts - Software Engineering Intern, Hyderabad, India	January 2013 - June 2013
MISC	Mobile Advertisements team- Built the backend infrastructure in to serve push notification advertising to Amazon's FireOS devices. J2EE, Eclipse IDE, Tomcat/JBoss, JDBC/Spring/Hibernate, JSP/Servlets.	
	Software Project Portfolio: https://github.com/anjishnu	
	Semantic Image Gallery Worked under Dr. Peter Belhumeur to build a semantic layer on top of an image gallery application for Android devices allowing users to search for items within images using keywords (e.g. a forest, my friends etc). (http://techcrunch.com/2014/09/09/dropbox-computer-vision/) Skills: Java, Android, Python, Scikit-Learn, MATLAB, Computer Vision	
	Seekr – An Ad-Hoc Local Social Network A location aware android app to allow users to find people to meet for impromptu tasks and events. Mined data from social media (Twitter/FB/Eventbrite) with an ensemble event Skills: Java, Android, Amazon AWS, EC2, S3, MongoDB and EBS, Scikit-Learn	
MISC	- Awarded the prestigious National Talent Search Scholarship . Awarded to 1000 out of 1.5 million candidates.	
	- GRE: 336/340 - Q: 168/170 (98%-99%ile), V: 168/170 (98%-99%ile), AWA: 5.5/6 (96%-99%ile)	
	- Certificate of Merit at the 9 th National Science Olympiad (India Rank 133)	
	- Weekly tech columnist for the Deccan Chronicle and the Asian Age – two daily newspapers in India.	