

EDUCATION	University of Illinois at Urbana-Champaign	May 2017
	Master of Science, Computer Science	GPA : 3.81/4.0
	Birla Institute of Technology and Science Pilani,Pilani Campus	June 2014
	Bachelor of Engineering (Hons.) in Electrical and Electronics	GPA : 9.64/10.0
PROJECTS	Deepest Learning for Visual Question Answering	Fall 2015
	Implemented Recurrent Neural network algorithms to answer natural language questions based on images; further established the sensitivity of existing models to small perturbations to these questions.	
	Identification of online auction bids placed by robots	Fall 2015
	Built predictive models using Random Forests and Bagged SVM with hyperparameter optimization to detect bids placed by robots; improved the accuracy through feature engineering; obtained AUC of 0.94247	
	Large Scale Parallel Recommender System Framework	Spring 2015
EXPERIENCE	Explored various collaborative filtering methods and extended the features of the <i>Julia RecSys</i> package to process massive datasets such as <i>Netflix</i> , <i>jester</i> and <i>lastFM</i> .	
	Relationship Prediction in Heterogenous Networks	Spring 2016
	Enhancing link prediction in online social networks using similarity techniques such as Predictive Text Embedding(PTE).	
	Intel Labs,Bangalore India	Dec 2014 - July 2015
	<i>Design Engineer</i>	
	<ul style="list-style-type: none">Developed and optimized mode transition mechanisms for subsystem modelingRestructured the code base; improved the data manipulation framework resulting in a 2x speedup	
	NVIDIA Corporation, Bangalore India	June 2014 - Dec 2014
	<i>Architect,GPU Memory</i>	
	<ul style="list-style-type: none">Analyzed failure modes and devised strategies to resolve unit-level issues of the memory subsystemBuilt a flexible test bed to identify anomalies with theory model development; <i>mentored 2 interns</i>	
	NVIDIA Corporation, Bangalore India	Jan 2014 - June 2014
	<i>Software Engineering Intern</i>	
	<ul style="list-style-type: none">Implemented C++ models and wrote test suites to study performance analysis of the memory controllerGained exposure to environment setup and infrastructure automation.	
	Carleton University, Ottawa, Canada	May 2013 - Aug. 2013
	<i>Visiting Scholar, Computer-Aided Engineering Research Lab</i>	
	<ul style="list-style-type: none">Worked on parallel and scalable Design Automation tools to facilitate system modeling and optimization.Developed efficient, numerical algorithms and associated software for circuit simulation	
SCHOLASTIC HONORS	Best Graduating Student Award , Electrical and Electronics Engineering Department, BITS-Pilani	
	Institute Merit Scholarship, BITS-Pilani for academic excellence	
	2013 MITACS Globalink Scholarship for summer research-assistantship in Canada.	
	Best Paper Award at the IEEE Conference,EDCAV-2015	
COMPETITIVE PROGRAMMING	Kaggle competition: Third Place in the overall leaderboard in the ‘Human or Robot?’ Kaggle competition by Facebook as part of the Data Mining course project, in Fall 2015	
	ACM ICPC : qualified for the 2015 Mid-central regional rounds by coming within top 6 teams at UIUC	
TECHNICAL SKILLS	Languages : [<i>Proficient</i>] C, C++, Python, Shell, MATLAB [<i>Competent</i>] Julia, Java, Perl	
	Miscellaneous : scikit-learn, weka, Spark, Hadoop, Pig, YARN, Flume, L ^A T _E X	