EDUCATION

Birla Institute of Technology & Science, Pilani – Goa Campus

• Majors: B.E. (Hons.) Computer Science and M.Sc. (Hons.) Chemistry

Aug 2013 – Present CS Major GPA: 8.7/10.0

		EXPERIENCE		
Amazon Bangalore, India	Software Development Engineer, Intern	July 2017 - Dec 2017		
nfibeam.com Ahmedabad, India	Summer Intern	May 2015 - Jul 2015		
Explored possibilities and gave recommer	ndations on having a custom shell for a Java web-app written in Struts.	Worked with Docker and ELK Stack.		
esseract Imaging Mumbai, India	Software Developer (Contributor)	Oct 2014 - Jan 2015		
Enabled navigation controls through gyro Created 360 degree walk-through of place	stitched images and videos in 360 at this startup from MIT Media Lab. sensor and mouse panning by integrating it with webGL. as by linking images using ray tracing. weing, 4 months before YouTube launched it.			
ROJECTS				
Deep Learning in TensorFlow		May 2016 – Present		
 Used shared representation for words a American Sign Language Recognition: Trained a CNN for localization and dete Accuracy of 99% on localization and 98 Implemented <i>Deep Convolutional General</i> Implemented <i>A Neural Algorithm for Artist</i> Generated adversarial examples for a MN Trained a deep reinforcement learning age Implemented standard papers for classific Applied Parallel Computing - Siemens Co Performed hotspot analysis to identify performed 	ation tasks on Google Street View House Numbers, MNIST and CIFAR	n Socher et al. (2013) n machine learning class of Fall 2016. training the discriminator on MNIST. image. <i>rnessing Adversarial Examples (2015)</i> . R-10 datasets. Aug 2016 - Dec 2016		
utolabJS: Assignment Autograder and T		Jan 2016 - Aug 2016		
Evaluates the submissions in a distributed Implemented in Node.js, Socket.io, Bash,	graded programming assignments while providing a standard test writir I environment with load balancing and has a micro service for each app Java and deployed using Docker. Also open-sourced the project on Gi ents in Fall 2016 and for multiple courses in future semesters.	plication component.		
nvestigating the "wisdom of crowds" at s	scale	Nov 2015		
	anford University to design tasks to investigate the Wisdom of Crowd enposium on User Interface Software and Technology, 2015.	effect using crowdsourcing.		
Connect4 Al		Jun 2015 - Jul 2015		

Interests	Software Development, Machine Learning, Neural Networks, Computer Vision, NLP, Reinforcement Learning, Parallel Computing
Languages Tools	C, Python, Java, Shell, PHP, JavaScript, MySQL, Assembly, CUDA TensorFlow, Keras, scikit-learn, Numpy, OpenCV, Docker, Git, Flask, Node.js, Socket.io, Verilog

ADDITIONAL POSITIONS

Teaching Assistant - Machine Learning (BITS F464), Neural Networks and Fuzzy Logic (BITS F312)

- Taught theory and designed the structure for Applied Machine Learning and Deep Learning portions of the two courses.
- Conducted lab sessions and office hours for 53 and 65 students respectively.
- Mentored students during the final project on sequence prediction for the Google SVHN dataset and binary semantic segmentation tasks using CNNs.
- Graded mid-term assignments, final projects and viva-voce performance.

Professional Assistant - Computer Programming (CS F111)

Mentored and graded 30 students on C and Bash programming during the lab sessions.

Jan 2017 - May 2017