Manu Sharma

Personal Data

Date of Birth:	09 November, 1993
Address:	K-19, Stayam Nagar, Sri Ganganagar(335001), Rajasthan
Phone:	9726347916
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Work Experience

16 May - 15 July, 2016 | **Summer Intern at Atos India Pvt. Ltd,**
I worked on project to understand the Service Now Development on project ATF 2.0. There I got the chance to make some modules of the live project for clients.

Education

Current
B.tech From **Indian Institute Of Information Technology**, Vadodara
Semester : 8
Major: Computer Science
CPI: 7.88

March 2012
Passed 10+2 From **Kendriya Vidyalaya, Sri Ganganagar**, Rajasthan
Major: Science and Mathematics
Percentage: 89.6 | Detailed List of Subject and Scores

March 2010
Passed 10 From **Kendriya Vidyalaya, Sri Ganganagar**, Rajasthan
CGPA: 9.0/10 | Detailed List of Subject and Scores

Academic Projects

January - March, 2017
Lung Nodule Patch Segmentation From CT Images and Its Classification Using Deep Convolutional Neural Network
Our work uses the computed tomography (CT) images given by LIDC-IDRI database to classify the nodules present in these images as malignant or benign. We have performed our method on 6306 CT images and achieved the test accuracy of 84.13% along with the sensitivity of 91.69% and specificity of 73.16%, clearly outperforming the state of art results.

Mentors
Manjunath V. Joshi, Professor, DA-IICT
Jignesh S. Bhatt, Assistant Professor, IIIT Vadodara

May - June, 2015
Speed Breaker Predictor System for Android
This project was started to prevent the accidents caused by road anomalies and one feature of road anomalies which we consider was the speed breakers. The application can predict the upcoming speed breakers for the drivers and show the location of the breakers on the map along with the warning of the same in their smart phones. Accelerometer readings from the phone are used to calculate the position of the speed breakers. This project was done in a group of four and my role was to analyze the readings of accelerometer for the detection of speed breaker.

Mentors
Pratik Shah , Assistant Professor, IIIT Vadodara

March - April, 2015
Message Transfer Between Client And Server Using Image Steganograhy
In this project we have used image steganography for communication between client and server. Through this project we have implemented the methodology, which first uses the least significant bit subsitution to secretly encode the message in image, transfer it through the channel and then to decode it at the receiver's end.

Mentors
Jignesh Bhatt , Assistant Professor, IIIT Vadodara

March - April, 2014
Understanding Newton's Method to find Real and Complex roots of Various Functions
In our exploratory project, we evaluated Newtons method (Newton Raphson Method) for finding out real and complex roots of polynomial functions, and analysed the resulting Newton basins of Attraction. A Newton basin is the set of points (initial guesses) which converges to a particular solution after certain Newton iterations. We took different examples of polynomial functions, calculated their roots (both real and complex) using Newton's method and evaluated the resulting Newton basins. We also explored the different applications and limitations of Newton's method.

Mentors
Pratik Shah , Assistant Professor, IIIT Vadodara

Programming Languages

Basic Knowledge:	Java, Postgresql, LaTeX, R
Intermediate Knowledge:	Matlab, octave, C++, Python

Deep Learning Libraries

Intermediate Knowledge :	Tenserflow, Theano, Keras(Neural Network API)

Languages

Hindi:	Mothertongue
English:	Good

Interests and Activities

Open-Source, Programming, Cricket
Football, Travelling, Poetry lover

Extracurricular Achievements

U-16 National level player in cricket in year 2008 for Kendriya Vidyalaya Sangathan.

Class 12 Performace Card

Subject	Marks out of 100
English Core	83
Mathematics	96
Physics	94
Chemistry	95
Computer Science	79
Percentage	**89.6**

Class 10 Performace Card

Subject	Grade	Grade Point
English Comm.	B2	07
Mathematics	A1	10
Hindi Course-A	A2	09
Science	A2	09
Social Science	A1	10
CGPA		**9.0/10**