



## PRATEEK JAIN

Course : B.E. (Hons.), Computer Science

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CGPA : 8.16



### ACADEMIC DETAILS

COURSE	SPECIALIZATION	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	% CGPA	YEAR
XII	Science	Shiv Jyoti Convent Sr. Sec. School	CBSE	92.8	2014
X	General	Aditya Birla Public School	CBSE	93.1	2012

### ELECTIVES/TECHNICAL PROFICIENCY

<b>Electives</b>	Number Theory, Machine Learning, Data Mining, Image Processing, Creative Thinking, Light For Theatre And Films, Symbolic Logic, Principles Of Economics
<b>Technical Proficiency</b>	- Programming Languages: - Proficient: C, C++. - Familiar: Python, Matlab, Java, C#, Javascript, SQL, Android, Prolog, Scheme. - Programming Environment: - IDE: MS SQL, Oracle, Eclipse, IBM-SPSS. - OS: Linux, Windows. - Major Libraries: Theano, Tensorflow, Keras, Sklearn, Numpy.

### SUMMER INTERNSHIP/WORK EXPERIENCE

#### BISAG, Gandhinagar

May 2016 - Jul 2016

- BISAG is a State level agency by Government of Gujarat to facilitate services and solutions in implementing map-based Geo-Spatial Information System.
- Worked on an ongoing project with project scientists which involves **Prediction of land use land cover** using machine learning algorithms.

#### Professional Recognition

- Received a certificate and recommendation letter from my mentor

#### Microsoft, Hyderabad

Jun 2017 - Jul 2017

- Worked as a Software Engineering Intern in Enterprise Commerce Department at Microsoft, Hyderabad.
- Build an Application Insights data driven application profiler for Microsoft Ordering website used by the enterprise customers of Microsoft.
- Onboarded previously used ECIT logging to Application Insights which improved time complexity by a great factor.

### PROJECTS

#### Face Expression Recognition

Jan 2017 - May 2017

- Worked under the guidance of Prof. Kamlesh Tiwari at ADAPT lab, BITS Pilani.
- Developed a system for classification of face expression into 6 basic expressions using various machine learning algorithms (KNN, Deep Learning).
- Implemented Convolution neural network using Keras and Theano on FER2013 dataset.

#### Packet Sniffer

Jan 2017 - May 2017

- Developed a packet sniffer and analyzer system in Python.

#### Compiler

Jan 2017 - May 2017

- Build a compiler for generation of machine language code for a dummy language ERPLAG.

#### CIFAR-10 Object classification using deep learning

Aug 2016 - Dec 2016

- Implemented a basic deep learning classification problem using Tensorflow.

#### Data Analysis on German Credit and Income Census dataset

Aug 2016 - Dec 2016

- Analyzed and visualized data in IBM SPSS using regression analysis, predictive modelling, data clustering and forecasting.

#### Prediction of Secondary School Student Performance

Aug 2016 - Dec 2016

- Implemented Decision Tree for predicting student performance on UCI student performance dataset.

#### Lend&Borrow

Aug 2016 - Dec 2016

- Build a mobile application at Hackathon for storing money transactions.

### POSITION OF RESPONSIBILITY

#### NSS BITS Pilani

Aug 2015 - May 2016

- Executive Committee Member of Health and Public Awareness, NSS, BITS Pilani.
- Responsible for organizing and coordinating various activities of NSS.

### ACHIEVEMENTS AND AWARDS

- KVPY Scholar.
- Awarded Scholarship by Resonance for excellence in Academics.

2014

### EXTRA CURRICULAR ACTIVITIES

Teaching Assistant, Computer Science Department.

- Worked as a lab assistant for Database Management course.
- Volunteer at NSS, BITS Pilani.
- Volunteer at Student Union.

Worked with Udaan.

- Project launched by CBSE for preparing girl students for various engineering competitive exams.

