

# Anand Nautiyal

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## Career Objective

I intend to make best use of my technical expertise and inclination to become a successful professional in the field of Computer Science and apply my knowledge in my areas of interest.

## Research Interests

- Machine Learning
- Data Mining
- Soft Computing
- Data Structure
- Algorithms

## Academic Background

2014 - 2016	M.Tech in Artificial Intelligence University of Hyderabad, Hyderabad, Telangana First Class with 7.59 CGPA
2009 - 2013	B. Tech in Computer Science Graphic Era University, Dehradun, Uttarakhand First class with 72.70 %
2007 - 2009	Intermediate in Science, Omkananda Saraswati Nilayam School, Rishikesh, Uttarakhand ISC Board First class with 71.33 %
2006 - 2007	SSC, Omkananda Saraswati Nilayam School, Rishikesh, Uttarakhand ISCE Board First class with 88.14 %

## Academic Achievements & Scholarships

- Qualified CBSE NET January 2017 Examination with 66.29 %

- Published a research paper titled 'Time-efficient discovery of moving object groups from trajectory data' at 4<sup>th</sup> International Conference on Innovations in Computer Science & Engineering (ICICSE'16), Springer LNNS series, DOI 10.1007/978 – 981 – 10 – 3818 – 1\_21.
- Published a research paper titled 'Machine Learning Algorithms for Recommender System - a comparative analysis' in International Journal of Computer Applications Technology & Research Volume 6, Issue 2, 97-100, 2017, ISSN 2319 – 8656.
- Received MHRD Scholarship for qualifying GATE'14 examination with 96.80 percentile
- Received academic scholarship in high school examination.

## Academic Projects

- M.Tech Major Project** Time-efficient discovery of Traveling Companions from trajectory data (Trajectory Data Mining)  
To cluster object groups moving together w.r.t changing duration and location and improving its time complexity.  
**Technologies used :** The Java programming language was used for coding over the Microsoft GEOLIFE Taxi dataset. The documentation was done using LATEX.
- M.Tech Mini Project**
1. Discernibility Matrix construction & Johnson's Reduct  
To construct the discernibility matrix, find out the reduct using the Johnson's Reduct method and evaluate the results over the wine dataset
  2. Machine Learning Algorithms  
It involved the implementation of various Machine Learning Algorithms
- B. Tech Project** Examination System  
To make a standalone application for conducting examinations.  
**Technologies used :** The front-end was made in Java and the back-end used MySQL.

## Technical Skills

<b>Programming Languages</b>	C, Java(Core Java & J2SE), Scala, Python
<b>Big Data Tools</b>	Apache Spark
<b>Engineering &amp; Simulation Tools</b>	LATEX

## Personal Profile

**Gender :** Male  
**Date of Birth :** 29<sup>th</sup> July, 1991  
**Father's Name :** Mr. S. D. Nautiyal  
**Mother's Name :** Mrs. B. D. Nautiyal  
**Languages Known :** Hindi, English