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,
Omkarananda Saraswati Nilayam School, Rishikesh, Uttarakhand
ISC Board
First class with 71.33 %

2006 - 2007 SSC, Omkarananda 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^{th} 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

Programming Languages	C, Java(Core Java & J2SE), Scala
Scripting Language	Python
Engineering & Simulation Tools	LATEX

Personal Profile

Gender : Male
Date of Birth : 29^{th} July, 1991
Father's Name : Mr. S. D. Nautiyal
Mother's Name : Mrs. B. D. Nautiyal
Languages Known : Hindi, English

Anand Nautiyal Date: