

Anand Nautiyal

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Experience - Data Scientist, Spineor, Mohali - April 2017 to Present

- Processed big data in Spark as per the requirements of the client.
- Developed a graph in DataStax Studio for traversing through the data
- Worked on writing the Gremlin queries for graph traversals to get the requisite information.

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 4th 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.

Projects

- Autoparts Application** Big Data processing through Apache Spark
Processed huge data files using Apache Spark and extracted the requisite information.
- 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, Python
Big Data Tools	Apache Spark
Engineering & Simulation Tools	LATEX

Personal Profile

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

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Date: