

Rakshit Singh

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SUMMARY

A fast learner with strong time management and multi-tasking skills. Strong work ethic in a team or individual settings to drive product success and process efficiency. Problem-solving skills with an analytical mindset.

EDUCATION

National Institute of Technology, Karnataka <i>Masters of Technology in Computer Science and Information Security</i>	8.0/10.0 <i>September 2021 – Present</i>
Netaji Subhas Institute of Technology, Delhi <i>Bachelors of Engineering in Information Technology</i>	7.04/10.0 <i>Aug. 2016 – June 2020</i>
Vivekananda Public School, Delhi <i>Higher Secondary Certificate (10+2)</i>	80.8/100.0 <i>May, 2015</i>
Maharaja Agarsain Public School, Ghaziabad <i>Secondary School Certificate (10)</i>	8.6/10.0 <i>May 2013</i>

PROJECTS

Analysis of SMOTE: Modified for Diverse Imbalanced Datasets Under the IoT Environment.
(Under the guidance of Dr Ankita Bansal, Assistant Professor, IT Department, NSIT.)

- Published in the International Journal of Information Retrieval Research (IJIRR).
- Studying and dealing with the imbalanced data and using different balancing techniques, such as oversampling, to overcome this problem.
- Implemented oversampling techniques: SMOTE-M and ADYSYN, using machine learning.
- [Link to the article.](#)

Amenities Quantification using hotel data.

- Calculated ratings of different amenities for various hotels based on their reviews.
- Also, evaluated the overall ratings of different hotels based on the rating of amenities and reviews.
- Compared the rating of each amenity and overall rating of these hotels. Thus, helping the customer in finding best hotel for himself based in his/her requirement.

CERTIFICATIONS

Data Analyst Nanodegree Program <i>Udacity</i> • Click to See Credential.	Sept 2020
Crash Course on Python by Google <i>Google—Coursera</i> • Click to See Credential.	Aug 2020
Understanding and Visualizing Data with Python <i>Coursera</i> • Click to See Credential.	Aug 2020

TECHNICAL SKILLS

Languages: Java, Python, C, SQL

Developer Tools: Git, IntelliJ, Eclipse

Subjects of Interest: Object-Oriented Programming, Operating System, Algorithms.