

SHIKHAR GUPTA

B.Tech. Civil Engineering
UG(II Year II Semester)
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Registration No: B.Tech./CE/17113109/2019

Indian Institute of
Technology
Roorkee



Area of Interest

Mathematics | Probability and Statistics | Machine Learning | Music | Football

Education

Year	Degree/Examination	Institution/Board	CGPA/Percentage
2018	B.Tech. 2nd Year	Indian Institute of Technology, Roorkee	6.183
2017	Twelfth	Shiv Jyoti Convent School,Kota,Rajasthan.	91.8 %
2015	Tenth	Lakshmipat Singhania School,Kankroli,Rajsamand.	9.6

Projects

Atal Mission for Rejuvenation and Urban Transformation(AMRUT) | Geomatics Engineering, Civil Department.

November 2018 - December 2018

- Government of India launched AMRUT in 2015 as Centrally Sponsored Scheme with the objectives to improve governance through a set of reforms.
- Learnt ArcGIS, Remote Sensing,Base Map Preparation and other Geo-Referencing techniques and helped in the formulation of GIS-based Master/Development Plans for 500 selected AMRUT Cities which is one of the most important reforms under AMRUT.
- Collected Data for development of common digital geo-referenced base maps and land use maps using Geographical Information System(GIS).

Loan Prediction Analysis | Datahack, Analytics Vidhya

March 2019 to April 2019

- This hackathon aims to provide a professional setup to showcase your skills and compete with their peers, learn new things and achieve a steep learning curve.
- Enjoyed and gained exposure to real world problems in this challenge,

Awards / Scholarships / Academic Achievements

- Represented city in Iken Scientifica, a national level science competition for school children in India which provides a platform for students to establish a connection between curricular knowledge and practical application.
- Secured an AIR 9980 in JEE Mains 2017 and AIR 4111 in JEE Advanced 2017.
- Recieved an A grade Certificate as a cadet in National Cadet Corps. examination held in 2015 under the authority of Ministry Of Defence, Government Of India.
- Recieved a Credit Certificate in Science during 2014 International Assessments For Indian Schools by UNSW Global,Australia.
- Participated and acquired 81st state position and 1993rd international position in 10th International Informatics Olympiad 2013 by scoring 52.961 out of 100.

Skills

Computer languages C++,Python,Arduino,R,SQL
Software Packages Microsoft Office | Dev C++ | Python 3 | Jupyter Notebook | Atom
Languages Known English (SRW) , Hindi (SRW)

Positions of Responsibility & Extra Curriculars

Volunteer | SPICMACAY Heritage Club,IIT Roorkee

August 2017 - Present

- Successfully organized various cultural stage shows and concerts of eminent Indian Classical Artists like Pandit Vishwa Mohan Bhatt, Dr. Mysore Manjunath,Dr. Mamta Joshi and many others.
- Coordinated VIRASAT,the week-long classical festival comprising of Indian Classical Heritage(Naya Theatre,Cinema Classics, Sarod etc.) which is held at various educational Institutions all over India.
- Coordinated various Workshops to inculcate a sense of pride and respect in younger generations of our society for Indian Heritage like Paper Mache Madubani Style,Sanjhi Paper Cutting,Mohiniyattam.)
- Also Organised Uttarayan, A 3 Day Event earmarking the celebration of Makar Sakranti and MANTHAN, dubbed as 'Mini VIRASAT'.

Co-Coordinator|Civil Department Events|Cognizance,IIT Roorkee

February 2018 - March 2018

- Co-Coordinated Events for Civil Engineering Department like Quizzes and Ideaz, which was an event for proposing various new ideas and dimensions to flourish Civil Engineering and its applications not only in India but all around the world.
- Actively participated in On-Campus and Off-Campus Promotions of the event.

Security volunteer|Thomso

October 2017

- Worked as a Security volunteer during my Fresher Year for the cultural fest of our college.
- Ensured that the event proceeds according to the norms during the 3 days of hectic and Fun-filled schedule.
- Maintained Decorum and prevented any mishappenings with the help of other security team members.