KUMAR ANIKET RANJAN | 17EX20013

EXPLORATION GEOPHYSICS (M.Sc. 5Y)

EDUCATION

Year	Degree/Exam	Institute	CGPA/Marks
2022	M.SC(5YR)	IIT Kharagpur	7.32 / 10
2017	(JAC) Jharkhand Academic Council	Jharia Raj +2 High School, Dhanbad	80.2%
2015	CBSE	D.A.V Public School, Hazaribagh	10 / 10

AWARDS AND ACHIEVEMENTS

Ranked in top 1% among 11.94 lakh students appeared in JEE Mains and JEE Advance 2017.
Awarded Innovatioan in Science Pursuit for Inspired Research **(INSPIRE)Scholarship** under Dept. of Science and Technology, GOI.
Among the **top 1%** of National Srandard Examination in Physics (NSEP), and qualified for National Physics Olympaid **(INPhO)** 2016.
Cleared **Regional Mathematics Olympaid (RMO)** 2015.

INTERNSHIPS AND PROJECTS

Analyst Intern | OYO Rooms | May - June 2019

Scrapped the data linked with the property attributes such are location, area, contact of 4 major metropolitan cities i.e. Delhi, Gurgaon, Bangalore and Mumbai using scrappy
Generated a profit of 5.47 lakh to the firm within a span of two months by cost-effective scrapping
Restructured and enhanced the UI/UX and alongside constructed a dashboard using Metabase for the ground team indicating next location to visit and a unified portal where they can upload the leads they generated.

Finance and Management | Central Coalfields Limited (CCL) : A Miniratna Company | June -July 2018

Learned the financial management in CCL, including Cash Flow Analysis, Inventory Management, Debt Management, Indian Accounting Standards (IND AS), Taxation and Goods and Service Tax (GST), and gained a hands-on experience working along sidewith the managers.

COMPETITION/CONFERENCE

General Championship | Captain Ad Design | September 2018

Designing of the logo and the radio advertisment using Adobe Photoshop/Illustrator and Adobe Audition.
Worked along with 7 other members to shoot a video advertisment and later edit the same.

General Championship | Data Analytics | IIT Kharagpur | 2019

Performed univariate and bi-variate analysis using visualizations to understand dependency of target column on several features
Applied feature engineering by transforming, creating new features &removing insignificant ones as observed by applying PCA &RFE
Finally applied gradient boosting and ensembling techniques to boost the classification results

SKILLS AND EXPERTISE

Programming Languages: C, C++, Python, R(beginner).
Web Development: HTML/CSS, JavaScript, Adobe XD UI/UX.
System Platform and Tools: Windows, Linux, Git, Android, SolidWorks, MATLAB, Sony Vegas.

COURSEWORK INFORMATION

Economics (HSS) | Transform Calculus | Partial Differential Equations | Algorithms | Programming and data structures | Probability and Statistics | Solid Mechanics | Geophysical Signal Processing | Stratigraphy | Basic Electronics | Physics of Solid Earth | Mathematics I &II | Gravity and Magnetic methods of Prospecting | Mechanics | Geophysical Inverse Theory | Mearsurements and Electronic Instruments.

POSITIONS OF RESPONSIBILITY

Secretary Sports and Games | VS Hall of Residence | August 2018-July 2019

Headed the Table Tennis team to the General Championship 2019 tournament, IIT Kharagpur.
Organised Udbhav having open campus participation of 50+ team in cricket and 23 in volleyball.

Alumni Cell, IIT Kharagpur | Student Member, Core Team | July 2018 - August 2018

Actively Organized the Event Home Coming named Ticket to the Golden Days for the session of 2018 where the alumni of 3 batches of 1975, 1990, 2005 were hosted on the campus to recollect their golden days. Headed the team in Events Management and Exuberance.

Technology Adventure Society (TAdS) | Member Associate | August 2017- Dec 2017

As a publicity head, conducted various events and increased in-house participation in events like of Zip Line, Rappelling, Archery, Laser Tag, Bull Ride, Paint Ball and Blaze in the session of 2017.

Associate Secretary Social Culture | LBS Hall of Residence | August 2017- July 2018

Co-ordinated Inter Hall Dramatics named The Loner with my colleagues and had the 2nd podium finish.

KSHITJ | Annual Tech Festival of IIT Kharagpur | January 2018

Volunteered in Event Organization and Management Team of the largest Techno-management festival in Asia, KSHITIJ -2018.
As a part of the publicity team of the fest, had an outstanding 76% conversion rate from 96colleges in Jharkhand.

EXTRA CURRICULAR ACTIVITIES

Actor | **PRAVAH** (Hindi technology dramatics society) │ Won **Bronze** in inter-hall (GC) choreography representing LBS Hall of Residence.
Represented VSH in open IIT instrumentals in **TABLA**. │ Played Jharkhand **StateTable-Tennis Tournament** 2014 held in Dhanbad.
Won **Silver** in **Open IIT Table Tennis** Tournament. │ Performed in Lakeside Dreams (Open Guitar Competition) in Spring Fest2018.