



MANISH SHARMA

Junior Year Undergraduate, IIT Kanpur

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EDUCATIONAL QUALIFICATIONS

Year	Degree	Institute	Performance
2018 – 2022	B.S(Earth Sciences)	Indian Institute of Technology, Kanpur	7.52/10.0
2017	Class 12 th – CBSE Board	Army Public School SP Marg, Lucknow	92.2%
2015	Class 10 th – CBSE Board	Army Public School SP Marg, Lucknow	8.8/10.0

ACADEMIC ACHIEVEMENTS

- Secured a rank in **Top 1%** in **JEE Mains 2018** among 1.2 million students.
- Secured a rank in **Top 5%** in **JEE Advanced 2018** among 0.2 million students.

INTERNSHIP EXPERIENCE

Nutanix Summer of Code, IIT Kanpur

May'19 – Jul'19

Full Stack development Internship | Supervisor: Anand Honda

Objective	<ul style="list-style-type: none">To create a full fledge working web-app from scratch which can solve any problem of society.
Work	<ul style="list-style-type: none">Developed Book-sharing portal with beautiful UI and easy to use, where users can share books among themselves.Contains all attributes such as catalogue, User Authentication, User Dashboard and Administrator login.Technological stack we used were ReactJS, Django and SQLite.

RESEARCH EXPERIENCE

Jettted Velocity at Natural Impact Crater | Mentor: Prof. Amar Agarwal

Mar'20 – Jul'20

- Performed mathematical simulation in **MATLAB** for the trajectory of jettted particles from impact cratering at hypervelocity.
- Considered the influence of Earth's, Moon's gravitational forces and atmospheric resistance to find the trajectory of particles.
- Read numerous research papers and performed interpolation of data to find the missing datasets.
- Mathematically verified the output of the result from our hydrocode to the pre-existing data of jetting velocity.

POSITIONS OF RESPONSIBILITY

Manager, Finance and Logistics (Core team) | Entrepreneurship-cell, IIT Kanpur

May'20 - Present

Leadership	<ul style="list-style-type: none">Leading a three-tier team of 120+ students to encourage Entrepreneurship in IIT Kanpur.Manages multitude of corporate and Managed Budget and resources worth INR 30 Lakhs for different events, competitions, and activities of the cell.
Initiatives	<ul style="list-style-type: none">Organized first edition of Entrepreneurial Extravaganza- the largest virtual Entrepreneurial event of IIT Kanpur.Collaborated with Wadhvani Foundation to design and implement the month-long innovation series in the bootcamp.
Impact	<ul style="list-style-type: none">Introduced Entrepreneurial Bootcamp to facilitate the Entrepreneurs across the nation with tools to develop their idea into product.Accelerated the development of 40+ start-ups, providing one-to-one guidance, mentorship, and networking in Bootcamp.

TECHNICAL SKILLS

Programming Languages	Web development	Utilities	Libraries
Python, C, C++, R, JavaScript	ReactJS, NodeJS, HTML, CSS	Linux terminal, MATLAB, LATEX, Git, Office	NumPy, Pandas, Matplotlib, SciPy, Scikit-Learn, TensorFlow

RELEVANT COURSEWORK

Mathematics	Probability and Statistics, Real Analysis and Multivariate Calculus, Linear Algebra and ODE
Data Science and Computing	<ul style="list-style-type: none">Statistical Simulation and Data AnalysisData Structures and Algorithms (i)Introduction to Stochastic Processes and Their Applications (i)Introduction to computingOperation Management(i)Algorithm on Graphs (Coursera)Introduction to Data Analytics for Business (Coursera)Introduction to Data Science in Python (Coursera)
Management Course	Consumer Behavior, Governance of Global Value Chain, Financial Markets(Yale university, Coursera), Trading Basics(ISB, Coursera)

(i)- Ongoing

EXTRA CURRICULAR

Sports	<ul style="list-style-type: none">Won Gold medal in Volleyball event during Fresher's Inferno'18 at IIT Kanpur.Won silver medal in Football event during Inferno'19, an inter-hall sports event.Part of the First Runner up Hockey Team in Intramurals'19.
Hobbies	Sports (indoor and outdoor) Football, Volleyball, Pool, Table Tennis and Badminton and Gymming.