MANISH SHARMA

JUNIOR YEAR UNDERGRADUATE, EARTH SCIENCES DEPARTMENT
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Academic Qualifications

Year	Degree/Certificate	Institute	CPI/%
2018 - Present	B.S	Indian Institute of Technology, Kanpur	7.5/10
2017	CBSE(XII)	Army Public School SP Marg, Lucknow	92.2%
2015	CBSE(X)	Army Public School SP Marg, Lucknow	8.8/10

Scholastic Achievements

- Secured a rank **9823** in **JEE Mains 2018** among 1.2 million students.
- Secured a rank **11875** in **JEE Advanced 2018** among 0.24 million students.

Key Projects

- **IIT Kanpur Summer of Code**(*Full Stack Developer Internship*)   (*May'19- July'19*)
  Library Portal
  - With in a team of 5 members developed a Web-App from scratch which can work completely as a library portal to issue books to users.
  - Consist of all the basic features such as **Catalogue** , **User Authentication** and **Book CheckIn/CheckOut** options. Administrator can add or remove books from the catalogue.
  - The **technologies** we used were ReactJS, Django and SQLite.
- **Jetted Velocity at Natural Meteoritic Impact** (Research Project)   (*March'20- July'20*)
  Supervisor: *Prof. Amar Agarwal, IIT Kanpur*
  - Performed mathematical simulation in Matlab for the trajectory of jetted 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.
  - Mathematically verified the output of the result from our hydrocode to the pre-existing data of jetting velocity.
  - Performed interpolation to find the missing data-sets which we did not get from hydrocode.

Technical Skills

- **Programming Languages:** C, C++, LaTeX, MATLAB, Python
- **Software and Libraries:** Numpy, Pandas, Matplotlib, MySQL, Git
- **Web Development:** ReactJS, NodeJS, JavaScript , HTML, CSS

Relevant Courses

Courses	Online Courses(coursera)
Probability and Statistics	Financial Markets(Yale University)
Introduction to Programming	Introduction to Data Analytics for Business
Real Analysis and Multivariable calculus	Introduction to Data Science in python
Linear Algebra and Differential Equations	Trading Basics

Positions of Responsibility

- **Manager Finance and Logistics, E-cell IIT Kanpur**   (*May'20-Present*)
  - Leading a 3-tier team of **30+ students** to manage bills, tenders and MOUS.
  - Manages multitude of corporate and Managed Budget and resources worth **INR 30 Lakhs** for different events, competitions and activities of the cell.
  - Organized first edition of **Entrepreneurial Extravaganza** - the **largest** virtual Entrepreneurial event of IIT Kanpur.
  - Introduced **Entrepreneurial Bootcamp** to facilitate the Entrepreneurs across the nation with tools to develop their idea into product.
  - Accelerated the development of **40+ startups**, providing one-to-one guidance, mentorship and networking in **Bootcamp**,
- **Secretary Career Development Wing IIT Kanpur**   (*March'19-Feb'20*)
  - Managed the logistics of speakers of various events and workshops and ensured smooth functioning of events.
  - Organises various lectures,workshop and placement series for overall development in terms of career and personality of the students.
- **Secretary Events, E-cell IIT Kanpur**   (*March'19-Feb'20*)
  - Was an integral part of organizing committee to conduct Flagship event **E-Summit'19 IIT Kanpur** .
  - Supervised a team of 50 Junior Executive for smooth conduction of the event.
  - Visited and Pitched different colleges to bring as much participation as possible and converged **100+ students** to the event.
  - Tapped India's most successful entrepreneurs to be speaker at our event. Got **Balaji Viswanathan(Founder Invento Robotics)** on board.

Extra-Curricular Activities

- 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**.
- Part of IIT Kanpur **Volleyball team** under Compulsory Physical Activities Course
- Worked as junior Executive in my first year in campus major fests like **Antaragni** and **Udgosh**.