

PRANJAL PRATIK LAL

Second Year Undergraduate,
Department of
Computer Science and Engineering ,
Indian Institute of Technology, Kanpur.

Email : ppratik@iitk.ac.in

Academic Qualification

Year	Degree/Certificate	Institute	CPI/Percentage
2016-present	B.Tech.	Indian Institute of Technology, Kanpur	7.8
2016	CBSE (Xii)	D.A.V. Public School, Bariatu, Ranchi	95%
2014	CBSE (X)	D.A.V. Public School, Bariatu, Ranchi	10

Key Scholastic Achievements

- Secured **All India Rank 213** in JEE Advanced 2016.
- Secured **All India Rank 691** in JEE Mains 2016.
- Awarded the **KVPY fellowship** award by Department of Science and Technology, Government of India.

Projects

- Competitive Machine Learning and Data Analytics (Association for Computing Activities) **February '17-April '17**
 - Learnt the Basics of Machine Learning through Machine Learning course on Coursera by Andrew Ng.
 - Implemented Machine Learning algorithms on Python using the Scikit-Learn library.
 - Participated in 3 Introductory competitions on Kaggle.com
- Photometry (Astronomy Club) **May '17- July '17**
 - Collected photometric data of variable stars using the OAAR(Observatory for Astronomical Research).
 - Analysed the collected data to determine various properties of the stars such as Mass, Rotation Period of Binary Stars.
- Manufacturing Projects (TA-201) : **August '17- November '17**
 - Led a team of 5 members and made a mechanically driven puppet show.
 - Designed using various machining process and used AutoDesk Fusion 360 for physical analysis.

Position of Responsibility

- Secretary : Astronomy Club **March '17-present**
 - Mentored juniors for Heaven's Above, Takneek '17.
 - Conducted various Institute wide workshops and lectures.
 - Assisted in the organization of Astronomy Club SnT Week.

Technical Skills

- Programming Languages** : C,C++,Java,Python,LATEX,R
- Software and Libraries** : Matlab,GNU Octave,Git,AutoCAD
- Machine Learning**: Scikit-Learn, TensorFlow, Deep Learning
- Operating Systems** : Linux, Windows.

Relevant Courses Undertaken

(* Ongoing Courses)

Data Structures and Algorithms*	Probability and Statistics*	Computer Organisation*	Computing Laboratory*
Fundamentals of Computing	Discrete Mathematics	Abstract Algebra	Mathematical Logic
Introduction to Machine Learning(Coursera)	Introduction to Machine Learning(Udacity)		Deep Learning(Udacity)

Extra-Curricular Activities

- Junior Executive, Public Relations, Antaragni '16
- 2nd Runner up in RoboTricks conducted by Robotics Club during Takneek '16.