

Pankaj Kumar Agarwal

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ACADEMIC DETAILS

Examination	University	Institute	Year	CGPA/%
Graduation	IIT Kharagpur	IIT Kharagpur	2023	8.36
Intermediate/+2	TSBIE	Narayana Junior College	2018	93.10
Matriculation	Central Board of Secondary Education	DAV Public School, Safilguda	2016	9.60

Current: UG First Year

UnderGraduate Specialization: *Computer Science and Engg. (M.Tech Dual 5Y)*

ACADEMIC ACHIEVEMENTS

- **JEE Advanced:** Secured All India Rank of 423 out of 164,822 candidates
- **JEE Main:** Secured All India Rank of 1382 out of 1.14 million candidates
- **BITSAT:** Scored 361/450 in BITSAT, conducted by Birla Institute of Technology, Pilani
- **TS EAMCET:** Ranked xyz out of abc students
- **AP EAMCET:** Ranked xyz out of abc students

PROJECTS

- **Lawbranian, OpenSoft 2019 IIT Kharagpur:** A contributing member of the OpenSoft team for the development of a search engine web application for legal systems. The application uses multiple technologies such as NLP, ElasticSearch, Graph Databases, MongoDB, Flask and ReactJS.
- **Kronos, Kharagpur Winter of Code:** A contributor at Kronos. A webapp to serve past year records-grade distributions of IITKGP

PROGRAMMING SKILLS

- **Languages:** C, Python 3
- **Python libraries:** pymongo , json, networkx, requests, os , etc.
- **Others:** MongoDB, OOP, json, Git, Github, Linux (Ubuntu)

FIELDS OF INTEREST

- **Machine Learning**
- **Cryptography(Block Chain)**

COURSES UNDERTAKEN

- **Computer Science:** *Programming and Data Structures
- **Mathematics:** Maths1(Complex Analysis, Differential Calculus and Differential Equations),
*Maths2(Integral Calculus, Numerical Analysis, Linear Algebra, Vector Calculus)
- **Others:** Physical Chemistry, Inorganic Chemistry, Organic Chemistry, Introduction to Manufacturing process, *Mechanics, *Physics(includes Quantum Physics) , Electrical Technology

**to be completed by May 2019*