

Pankaj Kumar Agarwal

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ACADEMIC DETAILS

Examination	University	Institute	Year	CGPA/%
Graduation	IIT Kharagpur	IIT Kharagpur	2023	8.07*
Intermediate/+2	TSBIE	Narayana Junior College	2018	93.10
Matriculation	Central Board of Secondary Education	DAV Public School, Safilguda	2016	9.60
UnderGraduate Specialization: <i>Computer Science and Engg. (M.Tech Dual 5Y)</i>				

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 and AP EAMCET:** secured under 200 rank among 120000+ students in each of TS EAMCET and AP EAMCET.

PROJECTS

- **Lawbranian, OpenSoft 2019 IIT Kharagpur:** Backend team member of the OpenSoft team for the development of a search engine web application for legal systems. My work involved using multiple technologies such as Graph Databases, MongoDB, OOP, Python, etc.
- **Kronos, Kharagpur Winter of Code:** Added feature to Kronos. Kronos is a web app to serve past year records-grade distributions of IITKGP. My work involved using multiple technologies such as API, JSON handling, HTTP requests, etc.
- **BugTracker**:** Ongoing Software Engineering term project, as a part of which I am working to build a Bug Tracker following WaterFall Model to complete a full Software Development Life Cycle. BugTracker uses Django as it's backend framework.

PROGRAMMING SKILLS

- **Programming Languages:** C, Python, Javascript
- **Frameworks/Libraries:** Flask, Django, JSON, NetworkX, requests, BeautifulSoup, OpenCV, pymongo
- **Other Technologies:** MongoDB, OOP, JSON, Git, Github, Mercurial, Linux (Ubuntu), Docker, APIs, Heroku, HTML, CSS

RELEVANT COURSES

- **Computer Science:** Programming and Data Structures, Algorithms 1, Discrete Structures, Formal Language and Automata Theory**, Software Engineering**, Switching Circuits**
- **Mathematics:** Maths 1, Maths 2, Probability and Statistics**

POSITIONS OF RESPONSIBILITY

- *Core team member* at **Kharagpur Open Source Society (KOSS):** Responsible for smooth conduct of events to familiarize students with opensource technologies and philosophy.

EXTRA CURRICULARS

- A member of NSS Unit-8 at IITKGP since July 2018. Won Gold(among 15 units) during the annual camp hosted by NSS , IIT Kharagpur for our Generous and Hard work at the camp, which aims to improve the daily life of people in poor villages around the campus by helping them build roads, Toilets, etc. and Also conduct awareness programmes, surveys in the villages.

**At the end of 3 semesters*

***to be completed by May 2020*