

Pankaj Kumar Agarwal

<https://shankusu993.github.io/>

(to be updated soon)

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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, Second semester

*At the end of 1 semester(s)

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, Javascript(beginner level)
- **Python libraries:** pymongo , json, networkx, requests
- **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) , Electricl Technology

*to be completed by May 2019

EXTRA CURRICULARS

- Attended the following workshops and talks: Machine Learning workshop conducted by Techobytes at IITKGP; Block Chain workshop cum talk by Aman Sanduja at IITKGP; API testing talk ,Javascript workshop, hacking workshop at Open Source Summit by KOSS IITKGP
- A member of NSS Unit-8 at IITKGP since 2 semesters, 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 awariness programmes, surveys in the villages.
- A core team member of Kharagpur Open Source Society (KOSS) since Feb 14 , 2019 . We are a group of students who promote Open source in our campus and on various social media platforms. As a part of which we conduct various workshops, talks, events(like Kharagpur Winter of Code). Helped manage the event which was a Talk on ” ElasticSearch: You Know, For Search” by Aravind Putrevu