Anshit Arya

3nd Year Undergraduate

Department of **Computer Science and Engineering**

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Academic Qualifications

Year	Degree/Certificate	Institute	CPI/%
2019 - 2023	B.Tech, CSE	Indian Institute of Technology, Kanpur	7.9/10
2019	CBSE(XII)	D.A.V. Public School, Kota	93.6%
2017	CBSE(X)	D.A.V. Public School, Kota	10/10

Scholastic Achievements

- Secured an **All India Rank** of **1443** in Joint Entrance Exam Main 2019 among 1.1 million candidates.
- Qualified for **KVPY(Kishor Vaigyanik Protsahan Yojna)** and awarded fellowship in SX stream in 2018
- Awarded **NTSE**(National Talent Search Examination) Scholarship in the year 2017 conducted by **NCERT**

Positions of Responsibility

- **Organiser, Dance Events | Antaragni'21** *Annual Cultural Festival, IIT Kanpur* (*Jul'21 - Present*)
  - Set to superhead a **3-tier** team of **15** secretaries to ensure smooth conduction of Dance events in 9+ cities.
  - Set to Introduce the event in 3 new cities and increased the event reach by 100 %.
  - Responsible for organizing the finale which will be attended by more than 5000 people.
  - Working on the marketing, event planning, media publicity for an efficient and well managed orgnisation of events.
- **Flutter Project Mentor, Association for Computing Activities(CSE)** (*Apr'21-Jul'21*)
  - Mentored a group of **15** students through Flutter App Development by organising lectures and doubt solving sessions.
  - Conducted lectures on dart, firebase, basics of networking and designed weekly assignments for students to practice.
- **Secretary, Media and Cultural Council** (*Sep'20-Mar'21*)
  - Contributed in conduction of freshers premiere for over **700** students of **Y20** batch for their smooth transition in college.
  - Conducted a online quiz for the participants by collaborating with different clubs and societies in the college.
- **Secretary,Association for Computing Activities(ACA)** (*Mar'21-Present*)
  - Contributed in smooth conduction of sessions through virtual meetings for **120** students of CSE department.
  - Conducted an introductory session for students of CSE department of **Y20** batch ensuring smooth transition in branch.
- **Senior Executive Public Relations, Techkriti'21** *Annual Technical Festival, IIT Kanpur* (*Oct'20-Mar'21*)
  - Contacted to many professors of different colleges and universities and speakers across the country through mails and calls.
  - Worked with the heads and the team of around **30** students to raise exceptional participation in the event.

Projects

- **Garbage Reporting App** | *Supervisor: Sunit Gautam, Alumni IITK* (*Oct'20 - Apr'21*)
  - Help cities to maintain cleanliness by fast-tracking the garbage reporting and collection process through an app.
  - To aid remote areas with lack of infrastructure and facilitate upvote on nearby complaints easily.
  - Built an app that assist users to share images stored in phone or by using camera and also the location of garbage sites.
  - Collaborated in a team of **20** people to deliberate the idea and implementation details of the app using **Flutter**.
  - Worked mainly on UI design of the app to improve the user experience and make it user friendly and convinient to use.
- **Algo with maths** | *Stamatics,IIT Kanpur* (*Apr'21 - jun'21*)
  - Implemented some advanced data structures and algorithms such as graph algorithms and bit masking.
  - Studied mathematical algorithms such as Matrix and modular exponentiation, string hashing and euclidian algorithms.
  - Participated in practice contests put up by the project mentors as well as official rounds of various programming platforms.
- **Game of Blocks(Block Chain)** | *Programming Club,IIT Kanpur* (*Jun'21 - ongoing*)
  - Learned the mechanism of **Blockchains**. Implemented Mining with the help of node and using **crypto** library of Js.
  - Implemented the smart contracts of loan and debt management in **Ethereum Virtual Machine** using **OOP** in **Solidity**.
  - Explored the mechanisms of **auctions and voting systems** and ways to implement them as smart contracts in **EVM**.
  - Acquired the knowledge about the concepts of **Game Theory** and its application in making smart contracts.

Relevant Courses   (‡ *iBHubs*)

Data Structures and Algorithms	Fundamentals of Computing
Elementary Data Structures and algorithms ‡	Python and OOP Concepts ‡
Computer Organisation	Software Development and Operations
Mathematics for Computer Science(A)	

Extra-Curricular Activities

- Secured an International rank of **102** in 2nd Level of International Olympiad of Science **(IOS)**
- Secured National Rank **7** in DSL Maths Olympiad and awarded with Scholarship from the organisation.
- Got 90/100 marks in State merit List of State Talent Search Examination 2016.
- Counselled 30 class 12th students towards science and technology careers as a part of IITK Diamond Jubilee Celebration.