Aryan Maurya

2rd Year Undergraduate

Department of Computer Science Engineering

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Academic Qualifications

Year	Degree/Certificate	Institute	CPI/%
2021 - Present	B.Tech	Indian Institute of Technology, Kanpur	8.3/10
2020	ICSE(XII)	City Montessori School, Lucknow	97%
2018	ICSE(X)	City Montessori School, Lucknow	97.8%

Scholastic Achievements

- Secured **All India Rank 870** in **JEE Advanced 2021** among the 1.4 Lakh shortlisted candidates.
- Received the **Academic Excellence Award** for exceptional academic performance in 2022-23 academic session.
- Secured **Rank 3933** in Joint Entrance Examination conducted by **National Testing Agency(NTA**.

Key Projects

- **Microsoft Cybersecurity Engage** (*May'14 2022- Aug'2 2022*)
  Mentor: Microsoft University Taam and Acehacker Team
  - Learned recovering deleted files and passwords from **Autopsy** using principles of **Digital Forensics**.
  - Created a well researched report for neutralizing the **Stuxnet Virus** which targetted Iran's nuclear facilty .
  - Learned analysis of network traffic on a server using **Wireshark** ,setting firewalls in Linux Systems blocking packages and regularizing their entry.
- **Hex Games** (*Feb'21 2022- March'16 2022*)
  Mentor: Game Development Club,IIT Kanpur
  - Applied principles of game development to create a 3D Game on **Unity Game Engine** with a team of 6 students.
  - Created Scripts in C to implement scoring algorithm,algorithms for functioning of car,physics of car and used blendr for creating design elements of project in just 6 days .
  - Published the game on **itch.io**.

Technical Skills

- **Programming Languages:** C, C++, HTML, LaTeX,C, Python, Java
- **Software and Libraries:** PyTorch, Tensorflow 2.0 , OpenCV ,Sckit Learn ,Autopsy ,Wireshark.

Positions of Responsibility

- **Secretary Design, Media And Cultural Council** (*2022-23*)
  * Worked with the design team to create proper advertisements for events.
  * Assisted in organizing cultural as well as recreational events in campus for the whole year.
- **Secretary Career Development Wing, Academic And Career Council** (*2022-23*)
  * Worked with the design team to create proper advertisements for events.
  * Assisted in organizing events for interview preparation for placements and internships.
  * Coordinated with the team to release the 'Placement Fundae' series comprising of blogs from seniors sharing their placement experiences and tips for the students siiting for placements.
- **Company Coordinator, Student Placement Office** (*Jun'23 2022-Dec'16 2022*)
  * Managed interviews processes an handled logistics for recruiting process.
  * Handled recruitment process of companies like Tower Research, Quantbox,JP Morgan Chase ,Analog Devices,Splice,Nation with Namo etc.
  * Acted as a link between Placement core team, companies and Students during placement process.

Relevant Courses

Data Structure and Algorithms	Mathematics For Computer Science
Fundamentals of Computing(A)	Linear algebra and Ordinary Differential Equations
Tensorflow 2.0 2023(*ongoing)	PyTorch for Deep Learning 2022(*ongoing)
Deep Learning and Computer Vision	
Deep Learning Introduction, Coursera,Stanford university	Structuring Machine Learning Projects , Coursera ,Stanford University(*ongoing)

Extra-Curricular Activities

– Represented SAI(Sports Authority of India) Lucknow in District Level Table Tenis Tournament.
– Represented CMS in Under 16 Cricket Tournament Bareily.