Ayush Meena

2nd Year Undergraduate
Department of Computer Science and Engineering, IIT Kanpur

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in Ayush Meena | ⊙ AYushM25

Academic Qualifications

Year	Degree/Certificate	Institute	CPI/%
2022 - Present	B.Tech	Indian Institute of Technology, Kanpur	6.05/10
2022	CBSE(XII)	Nalanda Academy, Kota	89.6%
2020	CBSE(X)	Atomic Energy Central School No.4, Rawatbhata	95.2%

Scholastic Achievements

- Secured **All India Rank 5746** in **JEE Advanced 2022**, conducted by IIT Bombay, among 0.2 million shortlisted candidates.
- Secured **All India Rank 9587** in **JEE Mains 2022**, conducted by NTA, among 1.1 million candidates.
- Recipient of the **National Talent Search Examination(NTSE) Scholarship** conducted by **NCERT** in 2020.

Key Projects

- **Project Maglev|Electronics Club|Science and Technology Council, IIT Kanpur**   (*Jun '23 - Aug '23*)
    - Learned Arduino programming language and applied it to create intricate circuits, including DC motors, Servo motors, and Ultrasonic Sensors using simulation tools like Tinkercad.
    - Implemented pulse-width modulation (PWM) techniques for precise motor control and interfaced various sensors to gather real-time data for the magnetic levitation platform.
    - Collaborated with team members to troubleshoot hardware and software issues, fostering a comprehensive understanding of project development and problem-solving in electronics.

- **Clash Of Code|Association for Computer Activities, IIT Kanpur**   (*Jun '23 - Aug '23*)
    - Explored Competitive Programming, focusing on algorithmic problem-solving.
    - Covered essential topics: C++ STL, Sorting and Searching algorithms, Dynamic Programming, Trees, Graph algorithms, Number Theory, and Algorithm Paradigms.
    - Actively participated in coding challenges, refining problem-solving skills and algorithmic thinking.

Technical Skills

- **Programming Languages:** C, C++, Python
- **Utilities and Frameworks:** Git/GitHub, Bash, LaTeX, NumPy, Pandas, Matplotlib.

Competitive Programming

- Highest **Codeforces** Rating: 1141 Handle: 25ayUsh
- Highest **CodeChef** Rating: 1496 Handle: aym_26

Positions of Responsibility

- **Secretary, Academics and Carrier Council, IIT Kanpur**   (*Aug'23 - Present*)
    - Designed templates for upcoming events as the Secretary of the Media and Publicity division in the Academic and Career Council.
- **Election Officer, Election Commission, IIT Kanpur**   (*Dec '22 - Feb '23*)
    - Played a key role in organizing and overseeing the General Body Elections of the Student Gymkhana.

Relevant Courses   *ongoing

Data Structures and Algorithms	Discrete Mathematics	Linear Algebra and ODE
Fundamentals of Computing	Introduction to Electronics	Machine Learning Specialization*