ARUSHI SHUKLA

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Profile

Arushi is a young, passionate, and dedicated individual with a zeal to learn more about computer science and the corporate world. She has deep knowledge of C programming and Data Structures and Algorithms. She also holds great interest in the hardware part of programming, and is keen to learn more about Computer Systems and Software Systems. As a first year student of Computer Science Engineering at the International Institute of Information Technology (IIIT) Hyderabad, she aims to expand her theoretical and practical knowledge base through new opportunities and hands-on learning experiences.

Education

B. Tech. (Computer Science Engineering), IIIT Hyderabad (2024 - 2028)	CGPA **7.00**
High School (Class XII), Rankers International School, Indore (2024)	Percentage **93.8%**
Middle School (Class X), Atomic Energy Central School, Indore (2022)	Percentage **96.4%**

Skill Set

Programming Skills: C and C++, Python, Data Structures and Algorithms, SQL, NoSQL, HTML, CSS, Javascript, Bash, Numpy, Matplotlib, Git and Github
Other Skills: Visual Analysis, AutoCAD Fusion, MATLAB, Design and Visualization, Canva, Adobe Photoshop, InShot
Data Analysis Skills: MS Excel
Languages: Hindi, English, Sanskrit, Japanese (basic)
Soft Skills: Teamwork, Analytical Thinking, Problem Solving, Communication and Presentation, Adaptability, Leadership

Projects

IoT Projects for Train Collision System using GPS and RFID sensors
- Collaborating on the development of a scalable prototype model integrating RFID technology for track identification and GPS for real-time train location tracking, aimed at enhancing operational accuracy and enabling driver alerts for potential track conflicts.

Miniature Satellites, CANSAT Team
- Contributing to the development of deployable landing legs for satellite system aimed at collecting atmospheric data, enabling stable landing post-mission.

Positions of Responsibility

- Part of **Events Team** and **Design Team** at the **Astronautics Club**, IIIT Hyderabad.
- Part of the **Videography Team** for the **Art Society** of IIIT Hyderabad.
- Part of the **Design Team** in the **Debate Society** at IIIT Hyderabad.
- Contributor in the **CANSAT Unofficial Team**.

Achievements

- Bagged **AIR 3328** in **JEE** (Joint Entrance Examination) Mains, 2024.
- Scored **1470 out of 1600** in the **SAT** (Scholastic Assessment Test) Examination, 2024.
- Scored a percentage of **93.8%** in **Class XII** examination (2024).
- Achieved the position of runner up in school, based on the result of **Class X**, at **96.6%** (2022).
- Won the **All India Inter AEES Quiz Competition** in the **Individual**, as well as **Team** category, held in Mumbai (2020).

Hobbies and Interests

Badminton, Painting, Reading Novels, Learning New Languages