YASH RANA

B-Tech 3rd year AE
adityarana121121@gmail.com
www.linkedin.com/in/yash-rana-1b79012b2

EDUCATION

UNDERGRADUATE [2022-2026]
B.Tech in Aerospace Engineering [CGPA: 7.77/10]
Indian Institute of Space Science and Technology, Trivandrum

INTERMEDIATE [2020-2022]
Higher Secondary Schooling with SCIENCE+CS Stream [Percentage: 93.6%]
kendriya Vidyalaya dogra lines[CBSE]- meerut cantt

ABOUT

Passionate AE (Aerospace Engineering) student eager to explore the realms of technology and innovation. Currently navigating the exciting journey of college life, and space science. I thrive on merging theoretical knowledge with hands-on experience. From spacecraft to flight mechanics , my interests span the diverse landscape of Aerospace. Let's connect, learn, and embark on this transformative adventure together! #spaceEnthusiast.

EXPERIENCE

EXCEED 3.0 Hackathon Finalist – Wabtec Corporation
Wabtec engineers to develop a computer vision-based system for automated passenger counting and behavior analysis, focusing on passenger flow, crowd density, and station dwell times.
AUTOCAD Design Intern [academore]   (online mode)   04/2023 - 06/2023
Utilized AutoCAD and Inventor software to assist in the design and development of mechanical components for various projects.
Currently engaged in the Thermoelectric Generator (TEG) project under the Space Department at IIST, focusing on developing efficient thermal-to-electric energy conversion systems.
RASC-AL [**Revolutionary Aerospace Systems Concepts - Academic Linkage**] – member of RASC-AL team of IIST.

TECHNICAL SKILLS

- AUTOCAD in both 2D & 3D domain
- INVENTOR AND FUSION 360.
- Programing in C++ with DSA.
- MATLAB and OPENVSP.