

Aditya Sen

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Area Of Interest

Problem-Solving, Data Structure Algorithms, Frontend Developer, Backend Developer

Education

B.Tech	Indian Institute of Technology Roorkee , Roorkee	GPA: 8.5/10	Oct 2020 – July 2024
XII	G R Global Academy. Jaipur , Rajasthan	Percentage: 87	Mar 2018 – June 2019
X	G R Global Academy. Jaipur , Rajasthan	GPA: 9.5/10	Mar 2016 – June 2019

Internship

iNeuron.ai , Software Intern	Remote June 2023 – Aug 2023
<ul style="list-style-type: none"> Worked over Money Laundering detection project, have hands-on over data modeling, data cleaning and model building Develop User Interface for user interface to interact with model using flask library in python Integrate model and user input using Fast API 	
Airbus , Software Intern	Bengaluru, Karnataka April 2024 – June 2024
<ul style="list-style-type: none"> Worked with dynamic cross-functional team that have UI/UX designer and frontend developers Developed a customizable dashboard that provides an overview of project status, upcoming deadlines, and key performance indicators. 	

Projects

NCC Website IIT Roorkee	NCC IIT Roorkee Site 🔗
<ul style="list-style-type: none"> Being part of IIT Roorkee 3UK CTR NCC Core Team, I contributed to design and development of official website. Code the components and pages of website 	
Autonoums Underwater Veicle	Github Repo 🔗
<ul style="list-style-type: none"> Worked with team to design AUV for deep sea exploration Code Arduino for maneuvering logic and gripper control. Implement PID for stable and accurate movement. Also leverage ROS Arduino with Pyserial library for serial communication. 	

Awards / Academic Achievement

- Selected Delegate for Havard Project for Asian and International Relations 2023 (HPAIR)
- 294th rank globally in August CodeRush by Newton School
- Expert level coder over codeforces and active member over online judges.
- Held position of Technical Head in ASME IITR Student Chapter(2022-2023) and Department rank 4th.

Extra Curriculars

Competitive Programming

[Online Judges](#) 

- Active member on various online judges including Codeforces, Codechef, LeetCode and InterviewBit
- Expert over code forces (rating: 1608 max)

Event Co-ordinator

[Github Repo](#) 

- Conduct workshop about microcontrollers, sensor and actuator.
- Discussed their mechanism and function, also how they are used in IOT devices.
- Give live demonstration using robotic project: Pick N Place Robot

Technologies

Languages: C++, Python, SQL, JavaScript, HTML, CSS, TypeScript, Redux

Technologies: React Js, Next Js, MERN, Prisma, Vs Code, Git Github