

ADITI SHARMA

✉ aditi01sharma.work@gmail.com

in Aditi Sharma

🌐 <https://imaditisharmaa.github.io/>

I am an energetic and ambitious individual, always eager to take on new challenges with a mature and responsible attitude. I am a confident, detail oriented person who aims for perfection and my goal is to make a positive impact on humanity and inspire others to do the same. With a passion for innovation and a commitment to continuous improvement, I aim to leave a lasting legacy of positive change wherever I go.



Experience

- Oct'22 - Present **President**, IAESTE India - LC Karunya, Coimbatore
- May'23 - Jul'23 **Biomedical Intern**, Siemens Healthineers, Bangalore
- Jun'22 - Jul'22 **Quality Control Intern**, Gracure Pharmaceuticals Ltd., New Delhi
- Dec'21 - Jan'22 **Biomedical Intern**, Sania Hospital, Alwar

Education

- 2021 – 2025 **B.Tech, Karunya Institute Of Technology And Sciences**
Biomedical Engineering with specialization in AI and ML
- 2018 **Class 12, Central Academy Sr. Sec. School**
CBSE | PCB
- 2016 **Class 10, Army Public School**
CBSE

Projects and Participations

Projects

- Fingerprint Recognition and Basic Body Parameters measuring module**
- Capacitance based Bubble Detection in IV Lines and Syringe pumps**
- Melanoma Detection Using Image Processing Techniques**
- Machine learning based approach for classification of children with ADHD and Healthy Control**

Participations

- Conferences
 - Represented University at IAESTE National Conference**, MAHE.
 - Attended IBCIINN Conference**, KITS.
 - Presented Paper at ICB International Conference**, SRMIST.
- Workshops
 - Workshop on Human-Machine Interface**, Kumaraguru College.
 - Attended ideation and problem-solving workshops**, KITS.
- Symposiums
 - Project presentation at National Level Symposium**, KITS.
 - Participated in Mindkraft, a National level Techno-Management fest**, KITS.

Others

Languages	Strong reading, writing and speaking competencies for English and Hindi.
Coding	C, C++, MATLAB, Embedded C, Python
Softwares	Microsoft Office, LabVIEW, AutoCAD, EAGLE, Arduino IDE, Mathworks, Spyder
Skills	Critical Thinking, Leadership, Problem Solving, Communication, Research, Networking, Teamwork, Strategic Planning, Graphic Designing.
Areas of Interest	Medical Imaging Techniques, Artificial Intelligence and Machine Learning, Medical Devices and Technologies, Bio-signal and Image Processing, Sensors and Transducers, Regulatory Affairs, Data Analytics for Healthcare, Therapeutic Technologies, Embedded Systems, Human Anatomy and Physiology.

Miscellaneous Experience

Certifications

Coursera	Google Data Analytics
	Google Project Management
Udemy	Quality in Pharmaceutical Industry (GMP, GLP, GHP)
	Pharma Computer System Validation (CSV and Quality)
NPTEL	Genetic Engineering
	Cloud Computing
	Bioengineering
	Technical English for Engineers
Great Learning	AI in Healthcare
	Quality Management
	Machine Learning with Python

Co-Curricular Achievements

- Merit Scholarship: INR 40,000, Karunya Institute of Technology and Sciences.
- Project Funding: INR 25,000, Harvard Medical School and Boston Children's Hospital.
- All-Rounder Student Award, Central Academy Sr. Sec. School.

Extra-Curricular Achievements

- Vice-President - Rotaract Club of Karunya University
- Vice-President - Student Association of Biomedical Engineers, KITS
- Former Member of Anti-Ragging Committee - KITS
- NCC Cadet - KITS, Army School
- Swimming, District Level Champion
- Gold Medalist, Dance

Declaration

I hereby declare that the facts given above are genuine to the best of my knowledge and belief.