Activities

Research

10, 11
Year
20 hr/wk, 6 wk/yr
Continue

co-author the research paper, under the guidance of Dr Manan Shah, he has published over 200 papers with more than 8000 citation
Published in the Springer journal Archives of Computational Methods in Engineering: Research on Big Data and Machine Learning for Groundwater Quality

Robotics

12
School
10 hr/wk, 20 wk/yr
Continue

Acted as head of software, managed a team of 20+, Affiliated with Ahmedabad International School and the Indian Space Research Department (ISRO)
Co-designed a 3U CubeSat and led the creation of AI-driven space waste detection software. Currently negotiating with ISRO for a potential launch.

Computer/Technology

9, 10, 11
Year
10 hr/wk, 12 wk/yr
Continue

created multiple OSS(open source) project , These projects were created out of my passion & are not linked to any organization
One of my projects: MLX WEB UI, AI toolkit for fast model execution & cost-effective doc analysis. 3,000+ downloads, 100+ stars. Optimizes AI workflow

Community Service (Volunteer)

10, 11
School, Break
10 hr/wk, 4 wk/yr

Co-founder, Scavenger Relief, worked with Sajan Shah, a philanthropist and motivational speaker, and my teammates
Co-led a drive raising $20,000 , including $2,500 of my own, and provided kits for manual scavengers. Received UN and United First certificate

Internship

11, 12
Year
10 hr/wk, 8 wk/yr
Continue

Head of Artificial intelligence department , I worked with Tide, an NGO that has impacted 32,500+ lives across India through education

Created multiple AI projects to generate study materials, study plans, and assessment rubrics. Helped over 200 teachers save 60+ hours of monthly

Internship

11
School, Break
25 hr/wk, 5 wk/yr
Continue

Junior software engineer , worked at GoMechanic, a startup which provides car services to 1000+ locations and 1 million user
Led Python-to-Golang migration, boosting backend efficiency 10x and cutting costs 5.5x for a top automotive service marketplace.

Research

11, 12
Year
20 hr/wk, 10 wk/yr
Continue

Wrote a research paper , under the guidance of Dr Mann Shah, he has published over 200 papers and has more than 8000 citation
paper analysing blockchain feasibility in welfare schemes, earning the Crest Gold Award. Now under review in J. Digital Economy.

Community Service (Volunteer)

10, 11, 12
Year
10 hr/wk, 15 wk/yr

One of the core volunteers, Collaborated with Live to Inspire, a non-profit organization dedicated to advancing the UN's SDGs
Benefited over 500 people across my state by distributing UV protection glass, biohazard bins, sanitary pads and led volunteering drives

Social Justice

12
School
8 hr/wk, 10 wk/yr
Continue

Led a think tank which consist of 30 students , worked with T.I.D.E, an NGO bringing education all over India, and a local government body (AMC)
Developed and led an action plan to bridge the urban-rural divide and enhance water sanitation in slums. Planning its implementation with AMC.

Science/Math

11, 12
School
5 hr/wk, 25 wk/yr

President of School's Mathematics Club
Expand the club size from 10 to 60 members and expand the scope of the syllabus by targeting multiple competitions such as UKMT, AMC 12, and AMC 10.