Vraj Shah
B.Tech First Year
Discipline of Computer Science and Engineering
Indian Institute of Technology, Gandhinagar

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ACADEMIC DETAILS

Degree	Specialization	Institute	Year	CPI/%
B.Tech.	*Computer Science and Engineering*	IIT Gandhinagar	2022-Present	8.74(/10)
Class XII	*Physics, Chemistry, Maths*	Urmi School, Vadodara	2021-2022	94.6
Class X		Delhi Public School, Harni, Vadodara	2019-2020	90

PROJECTS

- **Quant-Finance Project** | *Project Link* [April '23]
  - Analyzed many strategies to work on a list of 50 stocks
  - Finaly found the best strategy which gives the highest returns for almost all stocks

- **Robotic Arm** | *Project Link* [Dec '22 - Jan '23]
  - Tried to build a robotic arm with minimum 3 degrees of freedom and has Computer Vision

- **Game Development using HTML,CSS,JS** | *Project Link* [May '23]
  - Made a Tic Tac Toe game using HTML,CSS,JS
  - Understood many basic concepts of these languages

- **Spotify Clone** | *Project Link* [May '23]
  - Understood how music is played on a website through JS
  - Learnt many new concepts in CSS

TECHNICAL SKILLS

- **Programming Languages:** C++, Python, HTML, CSS, JavaScript(basic).
- **Tools:** MATLAB, Autodesk Inventor, Jupyter Notebook, Ultimaker Cura, Fusion 360.

RELEVANT COURSES

- Machine Learning (Ongoing), Data-Centric-Computing, Probability, Statistics and Data Visualization

ACADEMIC ACHIEVEMENTS

- Felicitated with **Dean's List award** in Semester 2 for excellent academic performance, IITGN.
- Secured an All India Rank of **3026** in JEE (Main) and **1366** in JEE (Advanced).

POSITIONS OF RESPONSIBILITY

- **Core Member , Mean Mechanics** (Robotics Club of IITGN) [Feb '23 - Ongoing]
  - Working on an automated maze solving bot
  - Made a robotic arm for an event in Amalthea.

- **Tech Team , Amalthea** (Annual Technical Summit - IITGN) [May '23 - Nov '23]
  - Developing a website for Tech Summit of IITGN
  - Making a Web scraping model to create the database for Amalthea

- **Tech Expo Senior Executive Member , Amalthea** (Annual Technical Summit - IITGN) [May '23 - Nov '23]
  - Developing a website for Tech Summit of IITGN
  - Making a Web scraping model to create the database for Amalthea

- **Class Representative, Computer Science and Engineering** [Dec '22 - Ongoing]
  - Mediated between the professor and the students for smooth completion of courses and resolved conflicts.
  - Organized regular sessions with professors and seniors for the career guidance.