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Sophomore (B.Tech)
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EDUCATION	B.Tech in Electrical Engineering (Sophomore) Indian Institute of Technology Gandhinagar, Gandhinagar, Gujarat, India. <ul style="list-style-type: none">CPI - 8.36/10 (at the end of 3rd semester) Intermediate (+2) - Rani Laxmi Bai School, Lucknow (CBSE India) - 97% High School - Rani Laxmi Bai School, Lucknow (CBSE India) - CGPA 10/10	2015 - Present 2013 - 2015 2011 - 2013
INTERNSHIPS	Summer Research Internship Programme - IIT Gandhinagar Topic: Person Re-Identification System (Matlab) Guides: Prof. Shanmuganathan Raman, Prof. Ravi Hegde <ul style="list-style-type: none">Studied and implemented algorithms to re-identify persons across different frames of a video. The program, written in matlab uses aggregate channel features and VGG-VD models to detect and re-identify person. Kalman Filter is used to track a person. Accuracy achieved was above 40%.	May, 2016 - June, 2016
PROJECTS	<ul style="list-style-type: none">Clipcross: Created (in a team of 2) a clipboard sharing desktop application. The application, written in python uses the local IP addresses of two computers to share any text or file across clipboards.Election Nomination Portal: Designed (in a team of 3) a nomination portal for candidates in an election. It is a web application based on Django (Python) and HTML comprising of three stages in which the candidate can fill his details and submit his signature and photograph.Image classification: Performed clustering and categorization of images based on Wordnet similarity and Image attributes. Images were used from the image-net database. My role was to automate testing (using bash scripts) and train the CNN in matlab.	
ACHIEVEMENTS	<ul style="list-style-type: none">Represented IIT Gandhinagar at ACM-ICPC International Collegiate Programming Contest Onsite Regionals held at IIT Kharagpur, India after qualifying the online round. [December, 2016]Ranked 3459 in the JEE Advanced out of 1.5 lakh candidates and 1580 in JEE Mains out of 15 lakh candidates. [2015]Awarded by the Department of Science and Technology, Uttar Pradesh, India for securing the highest marks in Mathematics and Science across the state in the CBSE High school examination.Awarded a certificate of merit by the Central Board of Secondary Education, India for being amongst the top 0.1% in the CBSE 2015 board exams (Informatics Practices).Cleared National Talent Search Examination, Stage-1. [2013]Awarded Dean's List at IIT Gandhinagar for excellent academic performance twice. [2015, 2016]	
OTHER ACTIVITIES	<ul style="list-style-type: none">Have volunteered for NGOs like NEED India (based in Lucknow).Academic Tutor for the course ES-112, Computing using Python as a part of the Earn while you learn programme at IIT Gandhinagar. 2016Officer for Election commission, IIT Gandhinagar. Part of the team that successfully conducted the student body elections for the 2015-16 academic year. 2015-2016Event manager for the Events team, Amalthea (Technical Summit of IIT Gandhinagar). Co-coordinated Innovent, DCode and TechKnowQuest. All three events are a part of Amalthea. 2015-2016An active member of the Chess club, IIT Gandhinagar.	

RELEVANT
COURSES

- **Computer Science** - Data Structures, Algorithms for Data Science (Ongoing), Algorithm Analysis and Design (Ongoing), Introduction to Computer Networking (Short Course).
- **Electrical** - Network Theory, Electronic Devices, Introduction to Analog and Digital Electronics, Introduction to Electrical Systems.
- **Mathematics** - Real and Complex Analysis, Linear Algebra, Partial Differential Equations, Probability.

TECHNICAL
SKILLS

- **Programming languages** - Python, C, C++, Bash
- **Other coding skills and tools** - HTML, CSS, Javascript
- **Softwares and Tools** - Git, Latex, Matlab, MySQL, Arduino
- **Operating systems** - Linux, Windows

HOBBIES

Interested in Competitive Programming, Table Tennis, Chess, Watching History Documentaries.