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| EDUCATION        | <b>B.Tech in Electrical Engineering (Sophomore)</b><br><a href="#">Indian Institute of Technology Gandhinagar, Gandhinagar, Gujarat, India.</a> <ul style="list-style-type: none"><li>CPI - 8.36/10</li></ul><br><b>Intermediate (+2) - <a href="#">Rani Laxmi Bai School, Lucknow (CBSE India)</a> - 97%</b><br><b>High School - <a href="#">Rani Laxmi Bai School, Lucknow (CBSE India)</a> - CGPA 10/10</b>   | 2015 - Present<br><br>2013 - 2015<br>2011 - 2013 |
| INTERNSHIPS      | <b>Summer Research Internship Programme - IIT Gandhinagar</b><br><b>Topic:</b> Person Re-Identification System (Matlab)<br><b>Guides:</b> Prof. Shanmuganathan Raman, Prof. Ravi Hegde <ul style="list-style-type: none"><li>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%.</li></ul>  | May, 2015 - June, 2015                           |
| PROJECTS         | <ul style="list-style-type: none"><li><b>Clipcross:</b> 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.</li><li><b>Election Nomination Portal:</b> 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.</li><li><b>Image classification:</b> 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.</li></ul>  |  |
| ACHIEVEMENTS     | <ul style="list-style-type: none"><li>Represented IIT Gandhinagar at <b>ACM ICPC Onsite Regionals</b> held at IIT Kharagpur, India after qualifying the online round. [December, 2016]</li><li>Ranked 3459 in the JEE Advanced out of 1.5 lakh candidates and 1580 in JEE Mains out of 15 lakh candidates. [2015]</li><li>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.</li><li>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).</li><li>Cleared National Talent Search Examination, Stage-1. [2013]</li><li>Awarded Dean's List at IIT Gandhinagar for excellent academic performance twice. [2015, 2016]</li></ul> |  |
| RELEVANT COURSES | <ul style="list-style-type: none"><li><b>Computer Science</b> - Data Structures, Algorithm Analysis and Design (Ongoing), Algorithms for Data Science (Ongoing), Introduction to Computer Networking (Short Course).</li><li><b>Electrical</b> - Network Theory, Electronic Devices, Introduction to Analog and Digital Electronics, Introduction to Electrical Systems.</li><li><b>Mathematics</b> - Real and Complex Analysis, Linear Algebra, Partial Differential Equations, Probability.</li></ul>  |  |
| TECHNICAL SKILLS | <ul style="list-style-type: none"><li><b>Programming languages</b> - C, C++, Python, Bash</li><li><b>Other coding skills and tools</b> - HTML, CSS, Javascript</li><li><b>Softwares and Tools</b> - Git, Latex, MySQL, Arduino</li><li><b>Operating systems</b> -Linux, Windows</li></ul>  |  |

OTHER  
ACTIVITIES

- Worked as a volunteer for Non-Government Organisations like NEED (Network of Entrepreneurship and Economic Development). Conducted Health awareness camps and taught basic computer skills to the rural people.
- Academic Tutor for the course ES-112, Computing using Python. This was under the EWYL (Earn While You Learn) Programme. 2016
- Officer for Election commission, IIT Gandhinagar. Part of the team that successfully conducted the student body elections for the 2015-16 academic year. 2015-2016
- Event 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. 2015-2016
- An active member of the Chess club, IIT Gandhinagar.

HOBBIES

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