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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 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 frames of a video. The programs were written in matlab. The program uses aggregate channel features and VGG-VD models (pre-trained CNNs in matlab) to detect and re-identify person. Kalman Filter was used to track a person.	May, 2015 - June, 2015
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. I worked on the front-end and managing databases (MySQL).Image classification: Spectral Clustering of images based on Wordnet similarity and Image attributes. Images were used from the image-net database.	
ACHIEVEMENTS	<ul style="list-style-type: none">Represented IIT Gandhinagar at ACM ICPC Onsite Regionals held at IIT Kharagpur, India. December, 2016Ranked 3459 in the JEE Advanced out of 1.5 lakh candidates and 1580 in JEE Mains out of 15 lakh candidates. 2015Awarded 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. 2013Awarded Deans List at IIT Gandhinagar for excellent academic performance twice. 2015, 2016	
RELEVANT COURSES	<ul style="list-style-type: none">Computer Science - Data Structures, Algorithm Analysis and Design, 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	<ul style="list-style-type: none">Programming languages - C, C++, Python, BashOther coding skills and tools - HTML, CSS, JavascriptSoftwares and Tools - Git, Latex, MySQL, ArduinoOperating systems -Linux, Windows	

OTHER
ACTIVITIES

- 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 Table Tennis, Chess, Competitive Programming, Watching Documentaries.