

EDUCATIONAL QUALIFICATIONS

Year	Degree/Certificate	Institute/School	CGPA / %
2019(expected)	B. Tech(CSE)	The LNM Institute of Information Technology	7.67*
2015	12th	Samrat Public Sr. Sec. School ,Ajmer	91%
2013	10th	Kendriya Vidyalaya No. 2 ,Ajmer	10

TECHNICAL SKILLS

- Programming skills: **Python, C, C++, Java, MATLAB, Kivy**, HTML, CSS, Javascript, SQL, Java Server Pages, Octave, Assembly, Servers(Tomcat, Apache).
- Other skills: Machine Learning, **Computer Vision**, Compiler Design, **Kivy Software Development**, **Google maps API Development**.

KEY ACADEMIC PROJECTS

Road Safety Index (Summer Self Project in 2017)

Link: roadsafetyindex.com

- Used **computer vision techniques** to figure out and plot **vulnerability to accidents** of roads in India.
- Scripted to identify Indian roads' images using **image matching** and scraped them.
- Extracted features and used **SVM's Regression Model** as learning algorithm.
- Used R squared error analysis as Feature Selection Technique to compare the efficiencies of different algorithms.

Facelock (Winter self Project in 2017)

Link: [facelock](#) (github)

- It's a **software library** which let's you put **facelock on custom applications with custom accessibilities for different users**. (eg. You want your brother to just use music software but your sister to use both music and video softwares. If brother comes in front of your laptop/mobile it won't let him use video software.)
- Used **python and kv** as development language and **Kivy** as framework.
- Scraped training images using tags(eg. 'watch', people) using **urllib3**, **bs4(BeautifulSoup4)** and **Requests** libraries.
- [Kivy-Garden](#) has the ownership of the Facelock.

Mail Casting (Fourth Semester)

Link: [Mail-Casting](#) (github)

- Used **MVC(Model View Controller)** pattern for implementing user interface.
- Used **Single Session for each user** so that multiple users can use it at the same time.
- Works as a **reminder** for important mails set by you. (work in progress for this feature).

Two-Pass Assembler (Fourth Semester)

Link: [Two-Pass-Assembler](#) (github)

- It was an academic project. Created an **2-pass-assembler for mp3 player**.
- Used **C programming** to show the process' occurring while the **compiler** is running.

Internship Experience:

Website Developer: [Study-Bazar](#) (One month)

- Member of the website handling team.
- Modified the Login, Signup and other forms.

Computer Vision: [LUSIP](#) (Two months)

- Recognised safety of streets using the survey data.

Other Projects:

- Detail Teller**: Software application to tell the whole **information regarding the movie** name searched by attributes entered by user. Used **python, BeautifulSoup, Requests, Kivy framework**.
 - AllinOne-App**: Has camera, gallery, music and video all in one software application. Used **python, Kivy framework, Pillow**.
- Other projects can be found on my github [profile](#).

Hobbies:

- I love **cooking**. Whenever I face a dilemma I cook something to relieve my stress and help me get a solution.
- I like playing **badminton**.