

Technical Skills

Areas: Software development, Algorithms & Data structure

Languages: Python, C, MySQL, Django (Basic).

Database: MySQL, SQLite

Others: Jupiter, Eclipse, Git Hub, Notepad++, Sublime Text 2, IBM Rational Rose.

Project Experience

US-Bikeshare data analysis- <https://github.com/dv20/US-Bikeshare-data-analysis> DEC 2018

- Produced a software to retrieve data from .csv files.
- Important information like most popular station, busy days, etc. can be retrieved.
- **Technologies Used:** Python 3, NumPy, Pandas, Git Hub.

Minimum Spanning tree in Cognitive Radio Networks (Working) OCT 2019

- We intent to solve the spectrum minimum spanning tree (MST) problem in cognitive radio networks.
- Since environmental setup changes, existing MST solution of wireless networks is not suitable in CRN.
- Trying to solve the problem using **Ant Colony Optimization**.
- **Technologies Required:** Network Simulator

Student -Portal Project (Web Application) JULY 2019

- Student can register for a course form given pool of courses.
- Notices and important information can be posted and viewed.
- **Technologies Used:** Django, Python 3, SQLite, Html, CSS.

Movie-website - <https://github.com/dv20/Movie-website-project-python> (Web Application) 2018

- Upon launch, webpage presents the user with a grid arrangement of movieposters.
 - Allows the user to tap on a movie poster and Watch the trailer of that movie.
 - **Technologies Used:** Python, html.
-

Educational Qualifications

St. Paul's Sr. Sec. School, Ajmer - **High School (84.33 percent)**

Govt Mangal Chand Sakhlecha School, Ajmer - **12th Standard (66.40 percent)**

Skit, Jaipur College - **B. Tech in Computer Science and Engineering (67.425 percent)**

Udacity - **Python Foundation Nanodegree**

NIT KURUKSHETRA – **MTech in Computer engineering (7.9167 GPA current)**

Achievements and Certificates

- Air 1824 in GATE (98.309 percentile).
 - Nano Degree Certificate from UDACITY.
 - Industrial Training certificate from Kirnani Technologies, Ajmer.
-

Declaration

I hereby clarify that information provided above is true to my belief and knowledge.

Place: Kurukshetra

