

KEY EXPERTISE / SKILLS

C++ Algorithms Data Structures MATLAB MySQL OOPs C

EDUCATION

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| LNM Institute of Information Technology B.Tech. - ECE CGPA: 7.37 / 10.00 | 2016 - 2020 |
| St. peter's Sr. Sec. Schol, Bharatpur 12 th CBSE Percentage: 85.60 / 100.00 | 2015 |
| St. Peter's .Sr. Sec. School, Bharatpur 10 th CBSE CGPA: 9.80 / 10.00 | 2013 |

PROJECTS

Domain secure

When penetrating testing a website there are many basic steps which a tester does and finds basic vulnerabilities. These vulnerabilities can be mail server configuration. Our program will check the security of domain with the help of DNS (Domain Name Server).

Simulation of Molecular Dynamics Using OpenMp and SIMD (Multithreading and C++)

At every step, our simulation reports the potential and kinetic energies using popular Verlet's algorithm. The sum of these energies is a constant. As an accuracy check, our simulation will print the relative error in the total energy. We parallelize the code and associate the time taken in both serial and parallel execution using OpenMP and SIMD platform in Ubuntu and compared the time taken.

Tone Identification

This project mainly deals with voice security. A From the given set of digit audio clip (1-5), we have to verify the matching tone by providing a digital audio clip, using Cross Correlation technique.

ACHIEVEMENTS

- Codathon 2017: Got 8th rank at a coding event out of 200+ teams.
- Codechef Rating : 4 star at Codechef

CO-CURRICULAR ACTIVITIES

- Served as Student head for BH3 hostel and was directly responsible for student and faculty interactions. Helped in furnishing many major ideas and implementation while serving the tenure.
- Monitored 80 students in Data Structures and Algorithms lab.
- Worked as an Online Marketing member for Sankalp Club, The LNMIIT Jaipur (serves Society)

EXTRA CURRICULAR ACTIVITIES

- Served as a participant in SWACHHTA PAKHWADA under the government scheme.
- Managed a conference named as "SAHYOG" held at The LNMIIT conducted by Sankalp club The LNMIIT Jaipur, comprising of students from different schools and institutes around Jaipur and India in association with "PRAYAAS CORPS", a national level NGO.
- Active Member of the Sankalp Club and its Village Project (teaching poor children of a particular village).

PERSONAL INTERESTS / HOBBIES

- Table Tennis
- Teaching

WEB LINKS

- Codechef - <https://www.codechef.com/users/lazy2propagate#>
- Other - <https://www.hackerrank.com/Joker725>
- Other - https://codeforces.com/profile/joker_is_back
- Other - https://auth.geeksforgeeks.org/user/hitesh_123/practice/
- LinkedIn - <https://www.linkedin.com/in/hitesh-/>