Sandeep Singh

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PROJECTS

LIBRARY MANAGEMENT SYSTEM | Java
June 2018–July 2018 | Army Institute of Technology, Pune
- Used java swing class end and MYSQL.

AUTO SUGGEST | C++
Jan 2019 – Feb 2019 | Army Institute of Technology, Pune
- It uses Trie Tree Data Structure for auto suggesting complete word by entering only starting characters of word.

MAZE PUZZLE SOLVER | Python
April 2019 – May 2019 | Army Institute of Technology, Pune
- It uses various algorithms(Dijkstra, BFS, DFS, Left Turn) to solve maze from Input Image and stores form new image with solved path.

SIMPLE CHAT BOX | Python
Oct 2019 – Nov 2019 | Army Institute of Technology, Pune
- Simple Chat Box for multiple user using Multithreading and Socket Programming concepts.

STEGANOGRAPHY | Java
Jan 2020 – Feb 2020 | Army Institute of Technology, Pune
- Concealing almost any type of digital data into other.

AWARDS

- Ranked 4th in GCC-2019 (Geeks For Geeks 3 - day Coding Challenge)
- 2nd position in robotic event in IIT Guwahati (Escalade-2018)
- Participated in various college level coding event (COEP, PICT, MIT, VIIT) and Won 2nd Position in COEP MindSpark Coding Competition.
- Among top 8 and top 4.5 percent of Indian Participants on Codeforces and Codechef respectively.
- Ranked 14th in CODE TECH (Coding ninja online contest).

EDUCATION

ARMY INSTITUTE OF TECHNOLOGY, PUNE
Second Year – BE in Computer Engineering
2018-2019| Pune, India
SGPA: 8.30

ARMY INSTITUTE OF TECHNOLOGY, PUNE
First Year – BE in Computer Engineering
2017-2018| Pune, India
SGPA: 8.46

KENDRIYA VIDYALAYA PITHORAGARH
12TH
2017-2018| Uttarakhand, India
Percentage: 84.6

KENDRIYA VIDYALAYA PITHORAGARH
10TH
May 2014| Uttarakhand, India
CGPA: 10

SKILLS

PROGRAMMING IN
c • c++ • Python • Java
- Good in Data Structures and Algorithms.
- 4 Star Rated in Codechef (Machine62).
- Expert at Codeforces(Black_deVil).
- Reasoning Ability.

TECHNOLOGY
- Git/Github
- Windows
- Linux
- Robotic and Automation

CERTIFICATIONS

NPTEL
Database Management System

COURSERA
Version Control with Git

HACKER RANK
Python (Basic)
Problem Solving (Basic)

LEADERSHIP

EXPERIENCE

- Mentor – College Coding Club and First Year Students.
- Joint-Sec of AIT Robotic club (in 2nd year).
- Active member of AIT coding cell

LINKS

LinkedIn:// **sandeep-singh-68abb6190**
Codeforces:// **Black_deVil**
CodeChef:// **machine62**