Gaurav Agarwal

📞7500573903

www.linkedin.com/in/gaurav-agarwal-6621b3160

✉*gaurav060699@gmail.com*

AREA OF INTEREST

Data structures and Algorithms |Machine learning|Data Analysis|Object-Oriented Programming (OOP)|Database Management System| Operating Systems| .

ACADEMIC CREDENTIALS

Qualification	School/College	Year	Percentage/CGPA
B.Tech (CSE)	G. B. Pant Institute of Engineering and Technology, Pauri	2017-2021	82% till 6th Semester
12th	Doon Valley Public School Dehradun	2017	91%
10th	Kendriya vidyalaya Lansdowne	2015	10 CGPA

EXPERIENCE SUMMARY

- **Campus Lead: Scaler Achiever Club Scaler Academy** (Feb 2020 - Present)
- **Summer Internship in BSNL**(**ALTTC GHAZIABAD**). A Unit of BSNL (July 2019 - August 2019).
  Cyber Security, Networking protocols,Routing Algorithms
- **Community Coordinator CCE GBPEC** (Aug 2019 – Present)
  - ✔ Organized various competitive programming events under computer science society of CSE department(G.B.P.I.E.T).
  - ✔ Guided 1st and 2nd year students in competitive programming , data structures and algorithms.

TECHNICAL SKILLS

C|C++| Python|HTML |SQL|Ubuntu Terminal|Code blocks| Anaconda|Visual studio|Pandas.

PROJECTS

Title : **Implemented a blockchain project in c++ using SHA256 encryption algorithm.**
Algorithm : **SHA 256**
Description:
In this project, I worked on A C++ Project in which i designed a blockchain using SHA 256 Algorithm.My project includes 3 modules which are:-
1. Block class which includes all the functions used to mine a block using Proof of work mechanism.
2.Blockchain class used to implement the blockchain and add a new block to the chain including the hash value of previous block.
3.SHA 256 module having implementation of sha256 algorithm.
Combinedly in this implementation of blockchain I have used C++ OOPS concepts along with blockchain mining fundamentals to create a safe and secure blockchain network.

Title : **Predict survival probability of passengers on Titanic dataset**
Algorithm : **Gaussian Naive Bayes algorithm**
Libraries : **Matplotlib, pandas**
Description:

In this mini project, I used a titanic Dataset to classify whether a passenger would survive or not on the basis of various features like Age, Fare charges etc. I have used the Gaussian Naive Bayes algorithm to classify whether a passenger will survive or not.

COMPETITIVE PROGRAMMING

✔ Participated and cleared 2 rounds of global programming competition Snack down 2018 Organized by Code chef. ✔ Among top 3 teams from college in ACM ICPC 2018.
✔ Active in Competitive coding platforms like Hacker Rank, Code chef, Geeks for geeks, Interview bit.

HONORS & AWARDS

✔ Won 2nd prize in Hackathon organized by Uttarakhand technical university.
✔ Developed a model of a web portal for the alumni of the college.
✔ Machine Learning certification from Coursera Credential ID **LK7EH8979RWZ**

EXTRA-CURRICULAR

- Worked as an Active member of Sponsorship team of Student Activity Cell G.B.P.I.E.T Pauri.
- Elected as student placement coordinator for TNP CELL.
- Participated in Swachh Bharat summer internship program in 1st year and taught students of primary schools of nearby villages about cleanliness and hygiene.
- Participated in a national Adventure camp of scouts held at Pachmarhi M.P.

REFERENCES

• **MR**. **PANKAJ AGGRAWAL** Software Engineering Manager, Adobe India

Contact.: 9810661504, **Email id:** pankaj.agrr@gmail.com

• **MR**. **ABHISHEK GUPTA** Assistant Professor GBPIET Pauri

Contact.: 8650941101, **Email id:** abhicsegbpec@gmail.com

I hereby declare that the above given information is true and correct to the best of my belief and knowledge.

Gaurav Agarwal