

Aarya Verma

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EDUCATION

IIIT NAGPUR
B.TECH IN CSE
August 2018-present

CITY MONTESSORI SCHOOL
ISC - XII
ICSE - X
2004-2017

LINKS

Github:// @a112v
LinkedIn:// @Aarya Verma
Codeforces:// @fyter112
Codechef:// @fyter112
Stopstalk:// @fyter112
Leetcode:// @fyter112
Atcoder: // @fyter112

COURSEWORK

UNDERGRADUATE
Advanced Data Structures
Discrete Mathematics
Computer Networks
Computer System Organization
Data Base Managment System
Object Oriented Programming
Application Programming
Design and Analysis of Algorithms
Operating System
Software Engineering
Compilers
Machine Learning
Cryptography and Network security

SKILLS

PROGRAMMING
Intermediate • C • C++ • Socket programming in PYTHON
Beginner • Java • Python • Javascript (Basics clear)
Familiar Languages and Tools:
Latex • HTML • CSS • GIT
• Android • React.JS.

ACHIEVEMENT

- I am **Expert(1615)** at **Codeforces** and **4 star(1976)** at **Codechef**.
- **Rank 65 out of 8434** in february Lunchtime 2021 on codechef.
- **Our team got India rank 52 and global rank 358** in **GOOGLE hashcode** 2021 first round.
- **Solved 1000+ DSA questions** on various coding paltforms.
- **Rank 421 out of 25184** in codeforces round 700 DIV2.
- In **top two percent** competitive coders in world on codechef.
- **Rank 373 out of 22000**in codechef october challenge contest in 2020.
- **Rank 370 out of 14495** in codechef december challenge contest in 2019.
- **Got 352/7000 rank** in codechef August cook off contest in 2020.
- **Got 274/5000 rank** in codechef october cook off contest in 2020.
- **Rank 193 out of 1272** participant in a contest **UWCOI20C** on codechef.

EXPERIENCE

TECHNICAL CONTENT WRITING AT GEEKS FOR GEEKS | INTERNSHIP

Dec 2020 - May 2021

Published articles on various topics of **competitive coding,Data Structures and algorithms** .Have a look on my works **@AaryaGFG**

PROBLEM SETTER AND TESTER IN COMPETITIVE CODING CONTESTS | TEACHING ASSISTANT,PROBLEM SETTER AND TESTER

Sept 2018 - Present

Official Problem setter on Codechef and have worked as Setter and tester in competitive programming contest organised by IIIT Nagpur coding club also i have set problems for codechef.

PROJECTS

UDP-MULTICAST **COMPUTER NETWORKS PROJECT**
Implementing the **multicast addressing using USER DATAGRAM PROTOCOL(UDP)**. Any datagram bound to the shared port is delivered to all sockets bound to the port and it is acknowledged by them accordingly.

ATTENDENCE MARKING BY FACE RECOGNITION IMPLEMENTED USING OPENCV, OPENPYXL ,FACERECOGNITION

The project identifies the face of the person and matches it with saved persons faces and marks their attendance accordingly in an attached excel sheet. It is implemented in Python using OpenCV,Face Recognition and **data entry in Excel Sheet is done using OpenPyxl**.

MOVIE-VIEWER CRUD APP | REACTJS | MYSQLITE| EXPRESS

We can perform insert,delete,update operations on movies list, it is implemented using **functional component in ReactJs** implementing it made me learn concept of **HOOKS,PROPS** and use of **AXIOS API** to connect frontend with backened.

MOVIE BOOKING SYSTEM TERMINAL BASED PROJECT IMPLEMENTED USING OOPS AND DATA STRUCTURES

A course project of Movie Booking System in C++ programming language using concept Of **OOPS,File Handling** and Data structures.