

Ajay Kumar Rahul

INFORMATION TECHNOLOGY UNDERGRADUATE

Jhumri Telaiya, Koderma-825409, Jharkhand

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Positions Of Responsibility

Organizer and Mentor

OPENCODE IIITA

Managed a competitive programming github repository codelines

Allahabad, Uttar Pradesh

Jan 2020 - Feb 2020

Education

Indian Institute of Information Technology, Allahabad

B.Tech in Information Technology

CGPA : 8.66 (Till 6th semester)

Allahabad, Uttar Pradesh

July 2018 - PRESENT

Chinmaya Vidyalaya

ALL INDIA SENIOR SCHOOL CERTIFICATE EXAMINATION

Percentage : 94.6

Bokaro, Jharkhand

2017 - 2018

Modern Public School

ALL INDIA SECONDARY SCHOOL EXAMINATION

CGPA : 10

Koderma, Jharkhand

2015 - 2016

Skills

- **PROGRAMMING LANGUAGE** : C, C++(PROFICIENT), JAVA, PYTHON(BEGINNER), MYSQL
- **PROGRAMMING TOOLS** : VISUAL STUDIO, NETBEANS, LATEX, CODEBLOCKS
- **RELEVANT COURSEWORK** : DATA STRUCTURES AND ALGORITHMS, OBJECT ORIENTED METHODOLOGIES, DATABASE MANAGEMENT, OPERATING SYSTEM, PRINCIPLES OF PROGRAMMING LANGUAGES
- **OTHERS** : COMPETITIVE PROGRAMMING, ALGORITHM OPTIMIZATION

Projects

Cricket Player Performance Predictor

- ATTEMPTED A PRECISE PREDICTION OF THE NUMBER OF RUNS A BATSMAN IS LIKELY TO SCORE AND THE NUMBER OF WICKETS A BOWLER IS LIKELY IN THE NEXT MATCH.
- IMPLEMENTED THREE CLASSIFICATION ALGORITHMS NAIVE BAYES, DECISION TREES AND RANDOM FOREST AND COMPARED THEIR ACCURACY.

Graph Visualizer

- A MINI PROJECT USED FOR CREATION OF GRAPHS USING CLICK AND DRAG OPERATIONS.
- VARIOUS GRAPH ALGORITHMS LIKE DFS, BFS, DIJKSTRA'S AND ANIMATIONS OF PATH CAN BE VISUALIZED.
- LANGUAGES AND TECHNOLOGY : JAVA SWING APIS, JAVA, NETBEANS, GRAPH ALGORITHMS

Library Management System

- THIS PROJECT AIMS IN DEVELOPING A COMPUTERISED SYSTEM TO MAINTAIN ALL THE DAILY WORK OF A LIBRARY.
- FUNCTIONALITIES FOR TEACHER, STUDENT AND ADMINISTRATOR OF THE LIBRARY ARE IMPLEMENTED.
- USED JDBC FOR CONNECTING WITH MYSQL DATABASE. ALSO, FOR DESIGNING JAVA-SWING IS USED.

Achievements

ACM-ICPC REGIONALS, QUALIFIED THE ONLINE ROUND AND PARTICIPATED IN ASIA-AMRITAPURI ONSITE REGIONALS, 2019

GLOBAL RANK 3RD, DATA STRUCTURES AND ALGORITHMS CODING CONTEST 3 ON HACKEREARTH

COLLEGE RANK 1ST, C-FRESH, A PROGRAMMING CONTEST ORGANIZED FOR FRESHERS DURING APROKSHA IN 2019

CODEFORCES, MAXIMUM RATING-1725 , HANDLE- KIRA__KILLER

CODECHEF, MAXIMUM RATING-1932 , HANDLE- AJSTYLES

HACKEREARTH, MAXIMUM RATING-1655 , HANDLE- K_I_R_A