Rahul Sharma

Roll No.:234351001
MS(R) - Energy Science
rahuls.1001@iitg.ac.in
Indian Institute of Technology, Guwahati

+91-9864228837
rahulsharma09september@gmail.com
Engineering
linkedin.com/in/thisrohit

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
MS(R)	Indian Institute of Technology, Guwahati	7.6 (Current)	2023-Present
B.Tech	GIMT, Guwahati	8.20 CGPA %	2019-2023
Senior Secondary	CBSE Board	64.0 %	2019
Secondary	CBSE Board	6.80	2017

EXPERIENCE

- **Summer Trainee, Indian Oil Corporation Limited** *July' 2022 - Aug' 2022*
  Worked on wearing and Life of Ball Bearing used in Centrifugal Pump in Refinery
- **Summer Trainee, Assam State Transport Corporation, Guwahati** *July' 2021 - Aug' 2021*
  Worked on the Air Braking System and steering mechanisms used in Automobiles.

PROJECTS

1. Voice-Activated Personal Assistant (Using Python)

Description: Developed a Python-based personal assistant named "Jarvis" integrating speech recognition, natural language processing, and external APIs. Implemented features like Wikipedia search, web browsing, and email sending with time-aware greetings and error handling. Demonstrates proficiency in Python, problem-solving, and API integration.

2. Developed Snake Game (Using Pygame)

Description: Developed a classic Snake game in Python using the Pygame library. The game features a welcome screen, high score tracking, and dynamic snake growth upon consuming food. Implemented game-over conditions with corresponding music and visuals. Utilized modular functions for code readability and maintainability.

3. Interactive Tic-Tac-Toe Game in Python

Description: Designed and implemented a dynamic Tic-Tac-Toe game using Python, offering a user-friendly interface for two players to engage in the classic strategic challenge. The game features a visually appealing grid layout and smart move validation, ensuring a seamless and enjoyable gaming experience..

TECHNICAL SKILLS

- **Programming**: Python, C++
- **IT Construct**: Data Structures and Algorithm*
- **Design and Editing Tools**: AutoCAD* , Solid Works*, Adobe Premiere Pro
- **Database management**: mySQL
- **Operating System**: Windows, Linux* *Elementary proficiency*

KEY COURSES TAKEN

- **Curriculum**: Artificial Intelligence*, Data Structure and Algorithm*, Engineering Mathematics, Distributed Energy Resources in Electric Grid*, Engineering Mathematics.
- **Udemy Course**: Begineer to Advanced C++ Programing, Data Structures & Algorithm

POSITIONS OF RESPONSIBILITY

- **Core Member**, Technical Team, Euphesium 2023, GIMT Guwahati *May' 2023 - June' 2023*
- **Overall Placement Coordinator**, Training & Placement Cell , GIMT Guwahati *July' 2022 - July' 2023*
- **Instructor for Computer Programming**, Social Welfare Club , GIMT Guwahati *Mar' 2022 - June' 2022*

ACHIEVEMENTS

- **Inter College Chess Championship : Secured 2nd and 3rd position in the Event. ,** *2022*
- **Cleared GATE 2023 in first attempt in Final Year of B.Tech,** *2023*
- **CEE 2019 : Secured a Rank 1133 in Assam Engineering Entrance Exam,** *2019*