

AJMEERA JAGADISHWAR

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Education

Indian Institute of Technology Patna

B.S in Mathematics and Computing

CPI - 7.72

2021-2025 (Expected)

Sri Chaitanya Junior College

Class 12th, Telangana State Board of Intermediate Education

Percentage - 97.1%

2018-2020

Shine High School

Class 10th, The Board of Secondary Education, Telangana

CGPA - 10.0

2017-2018

TECHNICAL SKILLS

Languages: C, C++, HTML, CSS/JS, JAVA(Basics), Python

Developer Tools: MATLAB, VS Code, Brackets, Codeblocks

Courseworks: Introduction to Data Science, C Programming and Data Structures, Data Structures and Algorithms, Linear computational algebra, Probability and Statistics, Digital logic, Discrete Mathematics

Soft Skills: Problem-Solving, Teamwork, Creativity, Communication Skills, Leadership

PROJECTS

Vehicle crash detection | Arduino

- Developed an innovative vehicle crash detection model utilizing advanced 3D vibration analysis.
- Designed and built a vehicle crash detection system leveraging Arduino UNO, GSM SIM module, and GPS area locator. Added a real-time notification mechanism that sends location-based alerts to registered numbers upon detecting vibrations.
- Proficiently coded and implemented Arduino IDE programs for various individual components, including GSM SIM module, GPS area locator, and other essential functionalities, to create a comprehensive vehicle crash detection system.

Tic-Tac-Toe | C++

- Implemented Tic Tac Toe game using a 3x3 grid, players alternate marking X or O in empty squares. Objective is to form a line of three marks in a row, column, or diagonal. Utilized appropriate data structures and algorithms for game logic and win condition checks.

ACHIEVEMENTS

Inter IIT Tech Meet

2022

- Represented IIT Patna in the **Engineer's Conclave-IITK** event during the Inter IIT Tech Meet in 2022 session.

Hackerrank

2021

- Rated 5 stars in Problem Solving and 5 starts in C++ in Hackerrank

JEE Ranks

2021

- Secured 97.6 percentile in JEE Mains, 2021

Fide rated chess player

2014

- Secured a highest FIDE rating of 1036 and have qualified for the interstate Chess competitions in 2014

Graduated in abacus

2013

- Officially Graduated in abacus by UCMAS and secured State 2nd in the final rounds.

LEADERSHIP / EXTRACIRICULAR

Training and Placement Cell, Events

2023

Assisstant Cordinator

- Involved in inviting more than 100 companies for the placement session at IIT Patna for the session 2023-2024

Celesta, Media and Public Relations

2022

Sub-Coordinator and Coordinator

- Ensured to get high participation with more than 30 teams in overall for the respective events.

Infitino, Media and Public Relations

2022

Sub-Coordinator

- Gathered more than 25 teams and ensured their participation in the annual sports fest of IIT PATNA.