Manoj Singh Tomer

DOB 3-1-2002 — NIZAMABAD, IND

+91 7997299265 | manoj20ucse094@mahindrauniversity.edu.in | manojtomer0709@gmail.com

EDUCATION

MAHINDRA UNIVERSITY
HYDERABAD, IND
BTech in Computer Science and Engineering
Oct 2020 - Present
GPA 7.64

NARAYANA JUNIOR COLLEGE
HYDERABAD, IND
PCM May 2018 - Apr 2020
Percentage 98.9

PRESIDENCY HIGH SCHOOL
NIZAMABAD, IND
Mar 2017 - Apr 2018
GPA 10

LINKS
Github:// **mst79**
LinkedIn:// **manojtomer0709**

COURSEWORK
Data Structures
Operating Systems
Database Management Systems
Object Oriented Programming
Design and Analysis of Algorithms

SKILLS
PROGRAMMING

LANGUAGES
  Advance: C++ Java
  Intermediate: Javascript C Python
  Novice: Go

TOOLS
  Git   Linux   Windows

FRAMEWORK AND LIBRARY
  ReactJS   Bootstrap   Flutter

TECHNOLOGIES
  CSS   HTML   SQL

OTHERS
Teaching, Public Speaking, Football, Task Management

PROJECTS

COMPRESSION OF TEXTUAL DATA USING HUFFMAN ENCODING   *C++, ALGORITHMS*

∘ Built an application that helps in effective transfer of text files over a network by efficiently compressing the content

∘ Achieved 48 percent reduction in data-size using Huffman Trees with variable length encoding.

SORTING ALGORITHM VISUALIZER   *Javascript*

∘ Built an application that demonstrates the functioning of classic sorting algorithms like Selection Sort, Insertion Sort, Bubble Sort and Quick Sort

∘ Achieved the results by applying the algorithms on randomized arrays using multiple configurations

ACHIEVEMENTS
ACADEMICS
• Served as the President of Mahindra University's Programming Club (Apr 2022 - Sept 2022)
• 2 x Scholarship for Academic Excellence - Mahindra University (Feb 2021, Oct 2022)
• State Rank 4 in class XII examination
• School Rank 1 in class X examination

SPORTS
• Represented Telangana in 61st National Level Football Championship held in Durg, Chattisgarh 2015
• 3 x Represented Nizamabad in State Level Football Championships

LANGUAGES
Hindi *Native/Bilingual* (ILR Level 5)
Telugu *Native/Bilingual* (ILR Level 5)
English *Full Professional Proficiency* (ILR Level 4+)
French *Limited Working Profiency* (ILR Level 2+)

AREAS OF INTEREST
Software Development Life Cycle
Design of Algorithms
Advanced Data Structures