

# Manoj Singh Tomer

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## Education

**Mahindra Univesity** — *BTech in Computer Science and Engineering* *Hyderabad, India*  
*Oct 2020 - Present*  
*GPA 7.64*

**Narayana Junior College** — *PCM* *Hyderabad, India*  
*May 2018 - Apr 2020*  
*Percentage 98.9*

**Presidency High School** — *Metriculate* *Nizamabad, India*  
*Mar 2017 - Apr 2018*  
*GPA 10*

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## Skills

- Adaptability
  - Communication
  - Decision Making
  - Leadership
  - Problem Solving
  - Time Management
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## Courses

Introduction to Computer Science	<i>Mahindra University</i>
Data Structures	<i>Mahindra University</i>
Discrete Mathematics	<i>Mahindra University</i>
Optimization Techniques for AI	<i>Mahindra University</i>
Theory of Computation	<i>Mahindra University</i>
Machine Learning with Python	<i>Mahindra University</i>
Artificial and Computational Intelligence	<i>Mahindra University</i>

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## Tools and Technologies

- C++
  - C
  - Javascript
  - SQL
  - Python
  - Git and Github
  - HTML
  - CSS
  - LATEX
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## Projects

### 1. Compression of Textual Data using Huffman Encoding *C++, Algorithms*

Achieved efficient data transfer by 48 percent reduction in size using Huffman Trees with variable length encoding.

### 2. Sorting Algorithm Visualizer *Python, Algorithms*

Achieved aesthetic visuals of well known sorting algorithms using python.

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## Extra Cirricular Activities

- **President, Hurricane Programming Club** *Apr 2022 - Present*  
*Served as the President of Mahindra University's Programming Club for the Academic Year 2022- 2023*
  - **National Level Football Championship** *Sept 2015*  
*Represented Telangana in 61st National Level Football tournament held in Durg, Chattisgarh*
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## Languages

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