SRIHITHA PULAPA

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Education

Indian Institute of Information Technology, Kancheepuram

BTech in Computer Science and Engineering With specialization in Artificial Intelligence, CGPA 8.02 (currently in 2nd Year, comple

Tirumala Mahila Junior Kalasala   **June 2018 – May 2022**

Board of Intermediate Education Andhra Pradesh,India, Percentage:93.5   *Rajahmundry, Andhra Pradesh*

Narayana Olympiad School, Rajahmundry   **Graduated in March 2020**

Board of Secondary Education, Andhra Pradesh, Percentage: 100   *Rajahmundry, Andhra Pradesh*

Relevant Courses

<u>**Core Courses :**</u> Data Structures and Algorithms ,Applied Data Science, Object Oriented Programming , Problem Solving and Programming ,Digital System Design, Design and Analysis of Algorithms ,Optimization Techniques for Machine Learning , Discrete Structures for Computer Science , Calculus , Differential Equations , Linear Algebra.
<u>**Design Courses :**</u> Foundation for Engineering and Product Design ,Sociology of Design.
<u>**Other Courses :**</u> Effective Language and Communication Skills, Earth, Environment and Design.

SKILLS

- <u>**Programming :**</u>Python,C,C++,Data Structures and Algorithms,CNN,HTML,CSS,JavaScript.

- <u>**Tools :**</u>Autocad, Jupyter Notebook ,Pandas, NumPy, and Matplotlib.

- <u>**Presentation Tools :**</u>Latex , Excel, PowerPoint , Word

- <u>**Soft Skills :**</u>Strong Communication skills (Verbal and Written), Teamwork, Public Speaking, Presentation Skills, Problem Solving Skills.

PROJECTS

Forest Fire Detection   **November 2023**

- Worked on this project (Team Project) as a part of my 3rd Semester course, Applied Data Science.
- The purpose of the projectis to automatically identify and classify images to determine whether a given scene contains signs of a forest fire.
- Skills Used: python, Tensorflow , Keras and CNN

LABIN: Balanced Min Cut for Large-scale Data   **November 2023**

- Worked on this project (Team Project) as a part of my 3rd Semester course, Optimization Techniques for Machine Learning .
- The purpose of the project is to address challenges related to graph partitioning and minimum cut problems, especially in the context of large-scale datasets
- Skills Used: C++, Latex

POSITIONS OF RESPONSIBILITY

Embedded Systems , IIITDM Kancheepuram   **July 2023 – present**

Coordinator   *Chennai, Tamil Nadu*

  ∗ Working to develop my skill set and inter-sectoral Collaboration

EXTRACURRICULAR

National Sports Organization, IIITDM   **November 2022 – June 2023**

Chennai, Tamil Nadu

AWARDS AND ACHIEVEMENTS

* Secured National Ranks in various Olymipads like National Science,Maths and Computer Olympiads in high school.
* Selected for National Talent Search Examination Stage 2.
* Selected for Master Orator Round 2 conducted by Narayana School.
* Selected for little teacher level 2 Conducted by Narayana school throughout the state.