

SRIHITHA PULAPA

+91 9390003741

cs22b2009@iiitdm.ac.in

Portfolio website

Srihitha Pulapa

srihitha1234

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, complete)

Tirumala Mahila Junior Kalasala

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

June 2018 – May 2022

Rajahmundry, Andhra Pradesh

Narayana Olympiad School, Rajahmundry

Board of Secondary Education, Andhra Pradesh, Percentage: 100

Graduated in March 2020

Rajahmundry, Andhra Pradesh

Relevant Courses

Core Courses : 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.

Design Courses : Foundation for Engineering and Product Design ,Sociology of Design.

Other Courses : Effective Language and Communication Skills, Earth, Environment and Design.

SKILLS

- **Programming :** Python, C, C++, Data Structures and Algorithms, CNN, HTML, CSS.
- **Tools :** Autocad, Jupyter Notebook ,Pandas, NumPy, and Matplotlib.
- **Presentation Tools :** Latex , Excel, PowerPoint , Word
- **Soft Skills :** 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 project is 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

Coordinator

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

July 2023 – present

Chennai, Tamil Nadu

EXTRACURRICULAR

National Sports Organization, IIITDM

Chennai, Tamil Nadu

November 2022 – June 2023

AWARDS AND ACHIEVEMENTS

- * Secured National Ranks in various Olympiads 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.