R ANJANA NARAYAN

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📅 Github | **in** LinkedIn

OBJECTIVE

A punctual and hardworking student seeking to apply my expertise in statistical analysis, machine learning, and data visualization to drive innovation and deliver actionable insights. Quick learner and a team player possessing great analytical and problem-solving skills.

EDUCATION

- **B.Tech. Computer Science Engineering** — Aug 2021 - Present
  Indian Institute of Information Technology, Design & Manufacturing Kancheepuram — CGPA: 8.8

- **Higher Secondary School** — 2021
  Kola Perumal Chetty Vaishnav Senior Secondary School Chennai — 97.4%

- **High School** — 2019
  Kola Perumal Chetty Vaishnav Senior Secondary School Chennai — 95.5%

EXPERIENCE

- <u>Data Science Intern – SkyBug Technology</u> — Jan 2024 – Feb 2024
  Had a hands-on experience with real-world projects involving complex datasets. Applied statistical and predictive modeling techniques to process and analyze large and varied data sets

- <u>Research Intern (IIITDM) - Fire Detection using IoT</u> — May 2023 - July 2023
  Worked on a MHRD sponsored project, which offers a sophisticated fire detection system with faster response time that combines IoT technology, graph algorithms, and hardware devices such as the ESP32 micro-controller and Raspberry Pi.

COURSEWORK

- Data structures and Algorithm
- Design and Analysis of Algorithms
- Computer Organization and Architecture
- Operating Systems
- Deep Learning
- Artificial Intelligence
- Digital Image Processing
- Object Oriented Programming
- Computer Networks
- Data Base Systems
- Compiler Design
- Reinforcement Learning
- Data Science
- Digital System Design

CERTIFICATIONS

- ➢ Ethical Hacking, NPTEL   May 2023
- ➢ Introduction to IoT, NPTEL   Nov 2023
- ➢ Machine Learning Specialization, Coursera   Dec 2023

SKILLS

- Programming languages known: C, C++, Python, MySQL, HTML, CSS, JavaScript
- Software: AutoCAD, MASM, Logisim Evolution, CISCO Packet Tracer
- Technical skills: Machine learning, Ethical hacking, IoT

PROJECTS

- **Vehicle parking management system**
  Developed a system for maintaining the record of vehicles in a parking lot which helps in reducing the manual time using Python and MySQL

- **IIITDM Alumni Portal**
  Built a dynamic web project using HTML, CSS, JavaScript, NodeJS, and MySQL, fostering connections between alumni and the students through an intuitive interface, interactive elements, event management, and secure database management.

ACHIEVEMENTS

- Best Student Award, Kola Perumal Chetty Vaishnav Senior   2019
  Secondary School

- Power performer, Clash of Pi   2018

EXTRA-CURRICULAR ACTIVITIES

- Black belt holder in Karate and a national karateka.
- Join Core of Competitive Programming team of CS Club, IIITDM.
- Core of Tamil Saalaram, cultural club of IIITDM.

REFERENCES

- Dr. Sadagopan N
  Associate Professor, IIITDM, Kancheepuram
  Email - sadagopan@iiitdm.ac.in
- Dr. Preeth R
  Assistant Professor, IIITDM, Kancheepuram
  Email - preeth@iiitdm.ac.in