

R ANJANA NARAYAN

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📅 Portfolio | [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 CGPA: 8.8
Kancheepuram
- Higher Secondary School 2021
Kola Perumal Chetty Vaishnav Senior Secondary School 97.4%
Chennai
- High School 2019
Kola Perumal Chetty Vaishnav Senior Secondary School 95.5%
Chennai

EXPERIENCE

- Research Intern (IIITDM) - Fire Detection using IoT May 2023 - Present
Working 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.
- Data Science Intern – SkyBug Technology 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

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

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| ▪ Best Student Award, Kola Perumal Chetty Vaishnav Senior Secondary School | 2019 |
| ▪ 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. Preeth R
Assistant Professor, IIITDM, Kancheepuram
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