

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
Indian Institute of Information Technology, Design & Manufacturing
Kancheepuram
Aug 2021 - Present
CGPA: 8.8
- Higher Secondary School
Kola Perumal Chetty Vaishnav Senior Secondary School
Chennai
2021
97.4%
- High School
Kola Perumal Chetty Vaishnav Senior Secondary School
Chennai
2019
95.5%

EXPERIENCE

- 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
- Research Intern (IIITDM) - Fire Detection using IoT
May 2023 – July 2023
Worked on a MHRD sponsored project, High precision Fire detection system using smart decision support with GEO assisted Navigation for Industry 4.0 Establishment, which offers a sophisticated fire detection system with faster response time that combines IoT technology and graph algorithms.

COURSEWORK

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

CERTIFICATIONS

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| ➤ 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

PROJECTS

- Nail bed as biometric for identification Jan 2024 - Present
This review explores the anatomical features of the nail bed, imaging techniques for capturing nail bed patterns, feature extraction algorithms, and pattern recognition methods.
- IIITDM Alumni Portal Feb 2023 - May 2023
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.
- Vehicle parking management system May 2021
Developed a system for maintaining the record of vehicles in a parking lot which helps in reducing the manual time using Python and MySQL

ACHIEVEMENTS

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

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
Email - preeth@iiitdm.ac.in