NITHYAPRIYA K

Major: Artificial Intelligence and Data Science (2022-2026)

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Profile

Aspiring Artificial Intelligence and Data Science enthusiast with a passion for Computer Vision, Data Visualization and Machine Learning. Currently pursuing studies in these domains, I am eager to apply my knowledge and contribute to cutting-edge research and development. My background includes coursework in machine learning, data visualization, and statistical modeling

Education

- **Bachelor:** Knowledge Institute of Technology 2021-2025 Score: 8.0 (CGPA)
HSC: SRV Hi-tech Matric higher
- secondary school salem. Score: 74%
SSLC: Golden choice matric higher secondary school. Score:
- 79

Skills

Technical:

- Machine Learning (Conceptual)
- Python - Intermediate
- C - Intermediate
- Power point
- HTML - Basics

Soft Skills:

- Team Management
- Problem Solving
- Adaptability
- Time Management

Language

- Tamil
- English
- Japanese N5 learner

Achievements

- paper presentation on symposium
Features of Artificial Intelligence in Health Care

Internships

- Completed Artificial intelligence internship at Techforge salem
Completed Frontend Design (HTML,CSS)&Core Java internship at Refinement Software Solutions Pvt Ltd
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Mini Projects

- Objective: Develop a virtual mouse system that uses computer vision and hand gesture recognition to control a computer cursor, eliminating the need for physical hardware.
- Methodology: Utilize Python libraries like OpenCV, MediaPipe, and NumPy for real-time video processing and hand tracking. Advanced algorithms detect gestures to perform mouse actions such as clicks, drags, and scrolling.
- Impact: Enhance user experience and accessibility by offering an innovative, touch-free interface, suitable for various applications, including assistive technologies and interactive systems.

Certifications

- Data Science: completed with certificate in Oracle
- Deep learning: Completed with certificate in Guvi