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Top Skills

Microservices
Large Language Models (LLM)
Algorithms

Certifications

The Machine Learning Algorithms A-Z
Microservices: Designing Highly Scalable Systems
Summer Analytics Course
5 days genai intensive Course by Google
Convolutional Neural Networks with TensorFlow in Python

Upesh Jeengar

Data Scientist at FICO | IITG MnC'25
Bengaluru, Karnataka, India

Summary

Data Scientist in AI Innovation and development team at Fair and Issac corporation,
Completed B.Tech in Mathematics and Computing at IIT Guwahati, leveraging expertise in AI, ML, NLP and computer vision to develop innovative solutions.

Worked on solving complex partial differential equations using advanced deep learning techniques as B. Tech project, including Physics-Informed Neural Networks (PINNs) and Deep Operator Networks (DeepONets).

Passionate about applying data-driven methods to real-world problems, with a goal to drive impactful change in the field of data science.

Experience

FICO

Associate Scientist, AI Innovation and development team
July 2025 - Present (8 months)
Bengaluru, Karnataka, India

- * Built an interpretable and Explainable Loan Approval API integrating ML models with Flask + Spring backend, providing real-time credit decisions.
- * Worked on Next generation marketing analytics(NGMA) synthetic Data generation.

My Analytics School

Data Science Intern
June 2024 - July 2024 (2 months)

1. Developed a YOLOV4 Object Detection model that accurately identifies books, phones, and tablets with a 93% success rate, showcasing advanced computer vision capabilities.

2. Created a neck movement detection model to monitor and flag suspicious neck movements.
3. Utilized MIRNet to enhance webcam-captured images, effectively removing noise and increasing brightness, leading to improved performance and accuracy.

Alcheringa, IIT Guwahati
Public relation and Branding Executive
June 2022 - January 2023 (8 months)
Guwahati, Assam, India

Education

Indian Institute of Technology, Guwahati
Bachelor of Technology - BTech, Mathematics and Computing · (November 2021 - July 2025)

Dakshana Foundation
· (December 2020 - October 2021)

Jawahar Navodaya Vidyalaya rajsamand
Intermediate , PCM · (July 2016 - March 2020)

Lakshmi pat Singhania School Kankroli