Aman Sirohi

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India

Links

GitHub
LinkedIN

PROFILE

Summary:
Eager and enthusiastic student with a strong desire to kickstart a career in Machine Learning, Software Engineering and Data Analysis. Seeking an internship opportunity to contribute my technical skills and creative problem-solving abilities while gaining real-world experience in impactful projects.

Skills:
- Programming Languages: Python, Matlab, Java
- Software Development: Algorithms, Data Structures
- Problem Solving
- SQL (Proficiency: Intermediate)
- Data Analytics and Visualization Fundamentals
- Machine Learning, Reinforcement Learning and Deep Learning
- Computer Networking
- Apache Spark Fundamentals (with Scala)
- Operating Systems: Linux, Windows
- Tools and Technologies: Github, Visual Studio, IntelliJ IDEA
- Collaboration: Strong ability to work with cross-functional teams
- Communication Skills
- MS OFFICE Tools

Education:
Bachelor of Technology in Artificial Intelligence Engineering - School of AI, Amrita Vishwa Vidyapeetham, Coimbatore, India | Expected June 2025 | 9.09 CGPA to date
- Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming, Machine Learning, Deep Learning, Probability and Statistics, Signal & Image Processing, Introduction to Computer Networks, Operating Systems, DBMS, Software Engineering Principles

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Projects:
- Auto-Emptor | 29 June, 2023
  A really interesting and innovative project in the field of Robotics. It is a smart robot capable of going to smart supermarts, shop and even facilitate the payment process. Scripted in Python using ROS2_Humble and used OpenCV for Real-Time Computer Vision.
- File&TextEncryption_UI_USINGBlowFish&TwoFishAlgorithm | Dec, 2023
  Created a simplistic UI using Tkinter and implemented File or Text encryption using BlowFish and TwoFish (Symmetric Key Cryptography) Algorithms.
- Flower Image Classification | Jan, 2024
  Created a Convolutional Neural Network for Flower Image Classification and did a comparison between Traditional and Bayesian Approach. Also used DMD for the same goal.
- SVM | Dec, 2022
  Explored and analyzed a publicly available dataset using MATLAB, performing classification and regression tasks using Support Vector Machine Algorithms.

Extracurricular Activities:
- Member of the ML Core Team in ACM Coding Club
- Member of the Public Relations Team in Elite Club

Certifications/Courses:
- Supervised Machine Learning: Regression and Classification (on Coursera)
- Introduction to Structured Query Language (SQL) by University of Michigan (on Coursera)
- Digital Body Language By: Erica Dhawan on LinkedIN Learning