Varchasv Arora

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Education

LM School of Thapar	CGPA:8.40
MBA(Business Analytics and Finance)	*2023 – 2025*
Thapar Institute of Engineering & Technology, Patiala	CGPA : 8.02
B.E. : Electronics & Communication	*2020 – 2023*
Venkateshwar International School , Dwarka Sec 10 ,Delhi	94.3%
CBSE (Grade XII)	*2020*
Venkateshwar International School , Dwarka Sec 10 ,Delhi	87.6%
CBSE (Grade X)	*2018*

Skills

C/C++ | DSA | Arduino | Python | MATLAB | MySQL | Machine Learning | Tableau | Power-BI | MS-Excel | JMP

Projects/Research Work

Performance Appraisal System for BPO Employees | *Excel Modelling, Decision Making, Data Analysis, Project Management* Jun 2023 – Aug2023
- Designed and implemented an Excel model to manage and analyse employee data, including personal details, industry verticals, and work experience.
- Created a robust system for tracking and evaluating performance based on multiple parameters such as ticket resolution and client feedback.

Denoising of Signal using IIR Filter | *MATLAB, SIGNAL PROCESSING, IIR FILTERS*   Aug 2022 – Sept 2022
- Implemented an IIR filter in MATLAB for signal denoising. The project involved applying advanced signal processing techniques to remove noise from signals, enhancing their quality and readability.

Security Analysis and Portfolio Management of Eicher Motors Ltd | *Financial Analysis, Portfolio Management, Excel Modelling, Decision Making, Data Analysis*   Jan 2024 – Mar 2024
- Conducted an in-depth security analysis and portfolio management project focusing on Eicher Motors Ltd.'s stock.

- Performed technical analysis using MACD, RSI, and Stochastic charts for the last 6 months' closing prices of Eicher Motors Ltd.'s common stock. Completed thorough back testing and provided BUY/SELL/HOLD recommendations.

- Conducted fundamental analysis using both DCF Valuation and Relative Valuation methods to calculate the intrinsic value of Eicher Motors Ltd.'s stock. Provided BUY/SELL/HOLD recommendations based on the calculated intrinsic values.

Gantry-Tracking Line Following Robot | *Arduino IDE*   Jan 2021 -– Jun 2021
- Designed and implemented a gantry detection algorithm using IR sensors to ensure precise recognition of gantry structures.
- Integrated collision detection sensors and algorithms to enable the robot to detect obstacles in its path and halt to avoid collisions while maintaining consistent line following.

Achievements

 Mastering Data Structures & Algorithms using C and C++

https://www.dropbox.com/s/qw2qfwgray3b1pq/UC-eace794c-4d7f-404e-ab26-d190a7558c31.jpg?dl=0

 Online Course on Internet Of Things from Teachnook, Bengaluru

https://www.dropbox.com/s/uj5lbyqwi0b5z08/1944059584.jpg?dl=0