SAMIYA FAROOQUEE

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LinkedIn | Github | Kaggle | Portfolio

SUMMARY

Dynamic and innovative Computer Science Engineer with a strong background in data science and machine learning. Skilled in Python programming, Arduino, and Raspberry Pi, adept at transforming conceptual ideas into practical solutions. Experienced in Robot Operating System (ROS), SLAM, computer vision, and object detection.

SKILLS

- Proficient in **Python programming**.
- Strong foundation in **Data Science** and **Machine Learning**.
- Expertise in **Arduino**, **Raspberry Pi**, and **Embedded Systems.**
- Proficient in **Robot Operating System** (ROS)
- Proficient in **Computer Vision** and **Object Detection.**
- Proficient in **Unix** and **Linux**.

PROFESSIONAL EXPERIENCE

- **Graduate Engineer Trainee, HCL Technologies (March 2024 - Present)**

  Currently Under Training, acquiring comprehensive knowledge and skills in server management, infrastructure setup, and cloud computing.

- **Project Associate, IIT Kanpur (September 2023 - 31st December 2023)**

  Engaged in a DRDO robotics project, collaborating on innovative solutions using ROS, SLAM, computer vision, and object detection to advance project goals.

EDUCATION

- Bachelor of Technology (Computer Science) - **8.81 CGPI**
- Intermediate (PCM - ISC) - **78.6%**
- High school (Science Stream - ICSE) - **88.17%**

PROJECTS

1. FRIDAY - The Object Following Robot using **Raspberry Pi** (May 2023)
2. Odometry and Position Estimation for Mobile Robot (April 2023)
3. Autonomous Mobile Robot with IR Sensors and Motor Control **Arduino UNO** (April 2023)
4. EDITH - The Motion Following Robot using **Arduino UNO** (November 2022)
5. Comparative Analysis of Classification Models for Target Audience Prediction
6. Market Basket Analysis with Apriori and Eclat Algorithms
7. Mall Customer Segmentation with Hierarchical and K-means Clustering
8. Exploring Ad Selection using UCB and Thompson Sampling
9. Churn Prediction Using Artificial Neural Networks
10. Sentiment Analysis using Natural Language Processing

HIGHLIGHTS

- Awarded with the badge on LinkedIn.
- Got featured on R Top Robotics Voice website and LinkedIn for major project.
- Got featured on Plotly's LinkedIn for a personal Machine Learning project.