

Lalith Kishore S

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Address

27, Arimalam Colony, Madukkarai Road, Coimbatore - 641021

OBJECTIVE

To obtain a position as a student intern from May 2025 to November 2025.

ACADEMIC QUALIFICATION

Currently in the 3rd year of 5-year Integrated M.Sc. Data Science program at the Department of Applied Mathematics and Computational Sciences, PSG College of Technology.

SKILL SET

Languages	C++, Python, C, R
Modules	Cx_oracle, Scikit-learn
Database Management and Tools	MySQL, Oracle, Microsoft Power BI

AREAS OF INTEREST

- Data Analytics
- Data Structures and Algorithms
- Supervised Learning

ACADEMIC RECORD

- **M.Sc. (Integrated) Data Science** 2022-2027
PSG College of Technology, Coimbatore **9.79 CGPA**
- **XII (Higher Secondary, CBSE)** 2022
National Model Senior Secondary School, Coimbatore **98.80 %**
- **X (CBSE)** 2020
National Model Senior Secondary School, Coimbatore **97.20 %**

INDUSTRY EXPERIENCE

- **Sutherland** | Data Science Intern May 2024 - June 2024
Conducted exploratory data analysis (**EDA**), **text preprocessing**, and **feature engineering** on restaurant review datasets to uncover trends and patterns. Developed **machine learning models** to predict customer ratings based on review text. Analyzed player statistics to predict and provide insights for a pre-match show on the CSK vs. RCB game.

ACADEMIC PROJECTS

- [LoanSure: Smart Prediction for Confident Approvals](#)

Developed a predictive loan approval assessment model using advanced machine learning techniques. Incorporated **differential privacy** and explainability methods like **SHAP** to ensure secure and interpretable predictions. Built an interactive Streamlit dashboard for user-friendly loan evaluation based on customer details.

- [India Trade Data Analysis](#)

Made statistical inferences and visualizations from Indian trade data(2010-2018) using R Programming. Used several statistical tests like the **t-test**, **chisq-test**, **ANOVA**, and various other statistical concepts like regression and confidence interval to make inferences.

- [Oracle-Django Archery Data System](#)

This full-stack **Django** application, using an **Oracle Database**, manages archery club data, including archer profiles, scores, and training protocols. It features role-based access for coaches and archers, with a user interface designed using both inbuilt and custom templates.

NON-ACADEMIC PROJECTS

- [Smart Route Navigator](#)

Created an intuitive application leveraging the **A* algorithm** to compute the most efficient path between two locations, integrating GeoAPI to fetch real-time geospatial data. Designed for scalability, with future integration options like live traffic updates and dynamic route optimization.

- [AI Umpire: Revolutionizing Front-Foot No-Ball Detection](#)

An innovative Streamlit-based application leveraging AI to assist umpires, coaches, and analysts in detecting front-foot no-balls in cricket. By processing **image** and **video** inputs with a pre-trained **CNN**, the tool offers precise, real-time insights, paving the way for enhanced accuracy and fairness in the game.

EXTRA-CURRICULAR ACTIVITIES AND ACHIEVEMENTS

- Qualified for and participated in the **Indian team** trials for the 2021 **World Archery Youth Championship**.
- Earned PSG College's Star Sports Person award twice for exceptional achievements in archery.
- Participated in the **Data Premier League**, showcasing expertise in data analytics and visualization skills.
- Completed the A-Z Machine Learning course at Udemy.

DECLARATION

I, Lalith Kishore S, do hereby confirm that the information given above is true to the best of my knowledge.

Place: Coimbatore

Date : 21/11/2024

(Lalith Kishore S)