

Varsha S

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Address

140, Buddhar Street, Krishnapuram,
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Coimbatore-641035 .

OBJECTIVE

To obtain a position as a student intern from June 2024 to November 2024.

ACADEMIC QUALIFICATION

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

SKILL SET

Languages	Python,
Platform	Windows
Tools	VS Code, mongo, Jupyter Notebook

AREAS OF INTEREST

- Database Management System
- Supervised and Unsupervised Learning
- Backend Development

ACADEMIC RECORD

- M.Sc Data Science** 2021-2026
PSG College of Technology, Coimbatore. **7.65 CGPA**
- XII (Higher secondary, State board)** 2021
Vimal Jyothi Convent Matric. Hr. Sec School,
Coimbatore. **93.60 %**
- X (SSLC, State board)** 2019
Vimal Jyothi Convent Matric. Hr. Sec School,
Coimbatore. **94.00 %**

NON-ACADEMIC PROJECTS

- [NeuroInsight: Advanced EEG Analytics Platform:](#)

Developed a **Python**-based EEG analytics platform using **Streamlit**. Normalized data for consistency, explored ADHD-related patterns, and integrated machine learning model **SVM** for classification. Implemented **spectral clustering** for structural insights.

- [AutoSense: Simplifying Car Choices:](#)

Crafted an interactive Car Decision Analytics Dashboard using **Python** and **Streamlit**, facilitating informed car choices through data preprocessing, exploratory analysis, and **decision tree** models. Evaluated model performance using metrics such as **accuracy, precision, recall, and F1 score**, enhancing decision-making insights for users.

ACADEMIC PROJECTS

- [E-Commerce Nexus: Order, Track, Analyze:](#)

Built an E-Commerce Website using **Python**, featuring **Deta** for DBMS connectivity, **Streamlit** UI, **Twilio** for communication, and **PowerBI** for interactive visualizations and data analytics. Ensuring a seamless experience, it streamlines e-commerce processes for both users and administrators.

- [Smart Content Navigator: Article Recommender:](#)

Created a **Python-based** smart content recommender using **Streamlit**, incorporating **TF-IDF** and **decision tree** machine learning models for a broad range of article recommendations. Showcased proficiency in **decision support** methodologies to enhance the overall user experience.

- [WebSpy: Intelligent Web Crawling and Scraping Tool:](#)

This project demonstrates proficiency in web crawling and scraping techniques using **Python**. It employs **data structures** like **queues** to implement a breadth-first crawling approach, ensuring efficient exploration of web pages. It also showcases the use of libraries like **Beautiful Soup** for parsing HTML content.

EXTRA-CURRICULAR ACTIVITIES AND ACHIEVEMENTS

- Committed Technical Assistant at **RadioHub - PSG's Community Radio 107.8**, driving excellence in radio broadcasting and digital platforms.
- Elected as **Assistant School Pupil Leader** in HSC 1st year, and subsequently appointed as **School Pupil Leader** in HSC 2nd year.
- Selected as **Class Representative** for the year 2023-2024.
- Completed [Data Analytics and Visualization](#) course on Forage.
- Completed JPMorgan Chase & Co.'s [Excel Skills](#) on Forage
- Participated in various events conducted by **Coding Club** at PSG college of Technology.

DECLARATION

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

Place: Coimbatore

Date : 14/04/2024

(Varsha S)