

# Perumalla Litesh

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## CAREER SUMMARY

A dedicated and proactive individual eager to apply my expertise in a professional setting. I am committed to continuous improvement and growth, and I am excited about the opportunity to further develop my skills by actively participating in the industry.

## EDUCATION

*University of North Texas | Denton, TX* Expected: Dec 2025  
**Master of Science – Data Science** GPA: 4.00  
**Relevant Coursework:** Data Visualization, Data Analytics, Data Mining, Machine Learning, Data Modeling/Management

*Lovely Professional University | Punjab, India* May 2023  
**Bachelor of Technology–Computer Science** GPA: 3.27  
Minor: Data Science

## TECHNICAL SKILLS

**Data Analytics Algorithms:** Linear Regression, Logistic Regression, K-Mean, KNN, Neural Network  
**Deep Learning:** Artificial Neural Network (ANN), Convolutional Neural Networks (CNN)  
**Software:** SPSS, SAS, Power BI, TensorFlow, PyTorch, MySQL, MapReduce/Hadoop.  
**Programming Languages:** Python, R, Cleaning, Exploratory Data Analysis, Data Mining and Machine Learning.

## EMPLOYMENT EXPERIENCE

**Discovery Park Library Services Academic Assistant** | University of North Texas Denton TX Oct – Present

- Provided in-person, phone, and virtual support to students and faculty, guiding them on accessing and using library resources and services.
- Assisted faculty by connecting them with resources and services to enhance teaching and research activities.
- Developed skills in leadership, time management, teamwork, and customer service within a fast-paced library environment.

## VOLUNTER EXPERIENCE

**Teaching Assistant Internship** | Intensive English Language Institute | University of North Texas Denton TX Oct – Present

- Assisted in a 100-minute ESL course weekly for seven weeks, supporting group activities and facilitating basic classroom management tasks.
- Provided individualized support to struggling students, helping them improve language comprehension and skills.
- Ensured timely attendance and adhered to all directives from the lead instructor, contributing to a productive and structured learning environment.

## PROJECTS

**Skin Cancer Detection Using Convolutional Neural Network** Sep – Present

- Implemented Convolutional Neural network on images over 10K images. And identified lesions and helps in early detection.

**Predicting Liver Disorder Using Machine Learning.** January – May 2024

- Applied Artificial Neural Network to predict the disorder and types of disorder by using comprehensive dataset with accuracy over 90%.

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**Data Analysis using Excel.**

October – November 2021

- Worked on a Dataset consisting of different states and identified different types of people with different disabilities. Performed distinct analyses on the dataset and submitted a report.

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**Stock Analysis using SQL**

May – July 2021

- Performed an Analysis on a dataset with 5 companies. And we are assigned to find which companies are likely to sell or buy the stocks.

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**AWARDS & SCHOLARSHIPS**

- **Lucille Murchison Graduate Scholarship**

October 2024