

Contact

www.linkedin.com/in/mrinaaall
(LinkedIn)

Top Skills

Data Science
Machine Learning
Statistical Data Analysis

Languages

English
Hindi

Certifications

ITIL

Mrinal Soni

Associate Software Engineer @ Freddie Mac. Former Machine Learning Engineer at US Pharmacopeia.
Herndon, Virginia, United States

Summary

I am a Data Scientist who specializes in Machine Learning, Natural Language Processing, Deep Learning, Statistics and Predictive Modeling. I have a solid experience in the field of Data Mining and am comfortable in both front-end and back-end technologies like Python, Java, and SQL. I have always been drawn towards data and the myriad possibilities it presents. Though a lifelong student of data science, I've also had the opportunity to be a teaching assistant for courses on Data Management Systems and Intermediate Programming with Data at Northeastern University. I interned as a Data Analyst with Spundhan where I consistently worked on large datasets analyzing historic data to understand customer segmentation, while also performing A/B Testing for B2C clients. I helped them boost their revenues within two months.

Over these years, I have managed to couple my understanding of technology with effective communication and documentation skills.

Every problem is a challenge that I love to take on with an analytical approach and a pinch of creativity. I am looking for full time opportunities as a Data Scientist where I can use these skills and add value.

Experience

Hexaware Technologies
Associate Software Engineer
July 2022 - Present (10 months)
Virginia, United States

US Pharmacopeia
Machine Learning Engineer
November 2021 - April 2022 (6 months)

- Imported & integrated 10 new drugs datasets into pipeline by automating API calls in AWS Glue
- Led external client facing drug product mapping analysis & built entity matching algorithm to uncover geographic manufacturing location data using 40+ public & proprietary datasets which were published in The Washington Post
- Implemented Recursive Feature Elimination (RFE) to analyze predictive power in Drug Shortage prediction model

Northeastern University

Graduate Teaching Assistant

October 2020 - December 2020 (3 months)

Boston, Massachusetts, United States

Intermediate Programming with Data (DS 2500) under Prof. John Rachlin:

- Enhanced student learning by ensuring 1-on-1 interaction & assistance with concepts of Python & Data Science.
- Collaborated in developing course structure, grading & creating rubrics for fellow TAs accelerating grading process by 35%.
- Conducted lab sessions & office hours consisting of 30 students clarifying doubts with programming, providing feedback leading to efficient submissions & an increase of 9 points on average for new submissions.

Northeastern University

Graduate Teaching Assistant

January 2020 - April 2020 (4 months)

Boston, Massachusetts, United States

Database Management Systems (CS 5200) under Prof. Ahmed Ezzat:

Mentored 10 students with programming in SQL & key concepts of Database Management Systems like Triggers, Stored Procedures, & Relational Algebra. Hosted weekly office hours to clarify doubts with programming assignments & to help set up MySQL & Oracle.

Spundhan Software

Data Analyst

May 2017 - November 2017 (7 months)

Belgaum, Karnataka, India

- Designed & launched data staging pipelines for multiple clients introducing a centralized storage deploying relational database in MySQL, eliminating manual labor of data entry

- Performed A/B Testing achieving multiple KPIs like conversion rate optimization & increasing revenue by INR 50,000. Identified, analyzed & interpreted patterns in complex datasets visualizing company-wide valuable insights in Tableau to communicate with product, marketing team, stakeholders & executives increasing sales by approximately INR 75,000

Education

Northeastern University

Master of Science - MS, Data Science · (September 2018 - December 2020)

Sir Padampat Singhanian University

Bachelor of Technology - BTech, Computer Science & Engineering · (September 2013 - April 2017)

Delhi Public School - India

· (2008 - 2013)