

Saima Ahmed

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Professional Summary

Aspiring Data Scientist with a robust foundation in data science and engineering. Skilled in Python, SQL, and data management with a focus on ETL processes, predictive modeling, and data visualization. Experienced in leveraging machine learning applications, I am eager to re-enter the workforce and deliver impactful data-driven solutions.

Education

General Assembly

Data Science

Dec 2024

FAST-National University of Computer and Emerging Sciences

Master of Computer Science

2018 - 2021

Professional Experience

React Native Developer

March 2022 - October 2022

Hurdle Health

- Enhanced data handling with MongoDB and Node.js backend, optimized app functionality for Android and iOS, and revamped UI with features like journaling and Zoom integration.

Software Developer)

March 2014 - April 2016

Huawei (formerly International Turnkey Systems

- Optimized Oracle 9i AS databases and debugged Java-based backend issues to enhance data processing workflows and software quality.

Visiting Lecturer

August 2016 - December 2017

FAST-National University of Computer and Emerging Sciences

- Taught Operating Systems and Object-Oriented Programming, mentoring students to strengthen their foundational knowledge

Projects

Know Your Bite

- Developed a machine learning model to classify food products based on ingredients
- Improved nutritional transparency and promoted healthier eating choice

Reddit Classification NLP

- Implemented NLP techniques to classify Reddit discussions
- Identified trending technologies and gadgets for targeted product development

Identifying Key Drivers of Youth Crime

- Utilized machine learning to analyze socioeconomic factors affecting youth crime
- Provided insights for effective crime reduction policies

Skills

Programming: Python, SQL.

Tools & Libraries: Pandas, Scikit-learn, BeautifulSoup, Jupyter Notebook

Machine Learning: Regression, classification, NLP, model evaluation

Additional Skills: Data visualization, web scraping, teaching, mentoring