

Raj Shah

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SUMMARY

Motivated Computer Science and Data Science student with hands-on experience in SQL, Python, Excel, and Tableau. Skilled in data cleaning, transformation, analysis, and visualization to deliver actionable business insights. Demonstrated ability to work on collaborative technical projects, interpret large datasets, and create dashboards and reports that inform decision-making. Seeking an entry-level Data Analyst role to apply analytical skills and technical expertise to solve real-world business problems.

TECHNICAL PROFICIENCY

Data Analysis & Programming: SQL, Python (pandas, NumPy), R, Data Profiling, Data Cleaning, Data Interpretation

Data Visualization & Reporting: Tableau (Dashboards, Data Storytelling), Excel (Pivot Tables, Charts), Matplotlib

Database Management: MySQL, SQL Server

Analysis & Reporting Methods: Descriptive Analytics, Trend Analysis, Predictive Analytics, Business Intelligence

Operating Systems: Windows, Linux, Mac OS

EDUCATION

Rutgers University, New Brunswick, NJ

GPA: 3.66

Bachelor of Science | Computer Science & Data Science | Honors: Dean's List (2025)

Expected Graduation: May 2026

Middlesex County College, Edison, NJ

GPA: 3.79

Associate of Science | Computer Science | Honors: Dean's List (2023–2024)

Graduated: August 2024

PROJECTS

Broadway Grosses Analysis & Dashboard Project | May 2025 - June 2025

- Cleaned & standardized 2,000+ Broadway revenue records using Excel (Pivot Tables, formulas) to ensure accurate, consistent datasets.
- Analyzed ticket pricing, capacity, and revenue across 150+ shows, identifying top-performing show types and seasonal trends.
- Performed data profiling and calculated show type distributions, average ticket prices, and weekly gross earnings for 500+ entries.
- Created visualizations and dashboards to highlight revenue patterns and support data-driven scheduling and pricing decisions.

Airline Reservation System Web Application | Mar 2025 - May 2025

- Designed and implemented a relational database schema to support flight bookings, schedules, and user data using MySQL.
- Created 20+ complex SQL queries for trend reporting, data cleaning, and data profiling tasks.
- Developed SQL queries to analyze booking trends and user behavior patterns across 500+ users and 200+ flights.
- Integrated MySQL database with complex relational schema for flights, users, and airports.

PROFESSIONAL EXPERIENCE

Data Analysis Intern | The Marcus Harris Foundation | Remote | Aug 2025 – Present

- Organized and cleaned 1,500+ program records, ensuring data accuracy and reliability for analysis.
- Removed 200+ duplicate entries and harmonized fields, enhancing dataset quality for reporting.
- Built 5+ Excel-based visualizations (charts and pivot tables) to track donation trends and participant engagement.
- Collaborated with cross-functional team members to streamline reporting workflows, reducing data preparation time by 25%.

Logistics Handler | HackRU, Rutgers | May 2025 - Present

- Supported event operations for 600+ participants; tracked equipment usage and inventory via Excel sheets.
- Conducted feedback analysis to identify improvement areas, reducing setup delays by 20%.
- Created summary dashboards and visualizations from feedback and inventory data to inform planning and optimize future event logistics.

ACADEMIC COURSE WORK

Intro to Data Science, Data Management for Data Science, Data Structures and Algorithms, Principles and Information for Data Management, Data in Context, Information Visualization, Statistical Inference, Machine Learning, Regression Methods, Applied Statistical Learning

CERTIFICATION & MEMBERSHIP

Tableau 2024.1: Essential Training – LinkedIn Learning (May 2025)

Data Analytics Virtual Job Simulation – Deloitte (Forage, Aug 2025)

Introduction to Data Science Virtual Job Simulation – Commonwealth Bank (Forage, Aug 2025)