

BUSHRA PARACHA

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Education

Stony Brook University - Stony Brook, NY

Bachelor of Science in Information Systems

Double Major: Applied Mathematics & Statistics

Expected Graduation: May 2026

Relevant Coursework: Database Systems, Data Analysis, Financial Mathematics, Human-Computer Interaction

Experience

Kassam Trading Company | Karachi,
Pakistan

Data Analyst Intern

Jun 2023 – Present

- Analyzed operational and financial datasets to support business decision-making and process improvements
- Built dashboards (Excel, Tableau) to communicate insights and improve visibility across teams
- Validated and cleaned data to ensure accuracy and reliability of reports
- Collaborated with stakeholders to gather requirements and translate them into actionable insights
- Documented workflows and reporting processes to improve consistency and usability

Graduate Office | Stony Brook, NY

Student Assistant

09/2025 - present

- Managed structured data systems for 1,000+ users, ensuring accuracy and compliance
- Assisted with documentation and organization of processes and records
- Responded to user inquiries and supported operational workflows
- Maintained organized tracking systems to improve efficiency

Beats by Dre — Forage Virtual
Experience

**Consumer Behavior & Market
Analysis Extern**

Spring 2025

- Conducted research and data analysis to support strategic recommendations
- Prepared structured reports and presentations for stakeholder communication

Projects

Data Analysis & Insights Tool | Python, SQL, Tableau

- Built a system to analyze datasets and generate insights using SQL and Python
- Cleaned and validated data to improve accuracy of outputs
- Designed dashboards to communicate findings effectively

Technical Skills

Languages: SQL, Python, R, Java

Tools: Excel, Tableau, Google Workspace, SAP (basic)

Core Skills: Data Validation, Documentation, Research, Analysis

Other: Communication, Problem Solving, Team Collaboration

Certifications

MTA: Introduction to Programming Using Python — Microsoft (Feb 2024)

Leadership and activities

President, Pakistan Student Association — Stony Brook University