

BEENISH SHAHZADI

Chemistry Graduate

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SUMMARY

Chemistry graduate with experience in STEM education, data validation, and logical problem-solving. Skilled in designing structured problem sets, evaluating reasoning accuracy, and documenting verifiable solutions. Familiar with modern AI tools and data-driven evaluation processes. Combining a strong foundation in scientific methodology with experience in structured digital work environments to test and improve AI reasoning systems.

PROFESSIONAL EXPERIENCE

STEM PROJECT ASSISTANT

The Right Dimension School | May, 2024

- Assisted in 10+ STEM-based classroom experiments across Physics, Chemistry, and Biology.
- Designed structured problem sets and simple educational models (e.g., pulleys, pollination projects).
- Helped students reason through scientific problems step-by-step, strengthening conceptual clarity.
- Enhanced creative problem-solving and teamwork in cross-disciplinary STEM tasks.

CHEMISTRY LECTURER

Rainbow School System | August, 2021 - September, 2022

As a Senior Science Lecturer at Rainbow School System:

- Developed and evaluated 30+ STEM problem sets and analytical exercises.
- Created 30+ structured answer keys and reasoning-based explanations for verification.
- Identified and corrected reasoning gaps through guided discussion and testing.
- Designed 40+ quizzes and assessments that measured data accuracy and concepts of students.

STEM TUTOR

Remote | September, 2021 - Present

- Delivered 300+ live interactive sessions covering Chemistry, Physics, and Mathematics.
- Used visuals and examples to increase reasoning and accuracy in problem-solving by 25%.
- Developed digital lesson plans and datasets for consistent, structured evaluation.

EDUCATION

Bachelor of Science in Chemistry

Government College Women University Faisalabad
2019 - 2023

PROJECTS

Laboratory Research - GCWUF (2023)

- Conducted experimental design and testing for organic compounds.
- Obtained 95% reliable results through repeated testing and error checks.
- Documented reasoning steps and refined methodology for reproducibility.

SKILLS

- STEM Problem Design & Evaluation
- Analytical & Quantitative Reasoning
- Data Validation & Structured Testing
- Scientific Documentation & Reporting
- AI Evaluation & Model Reasoning
- Technical & Academic Writing
- Research & Experimentation
- Programming:** Python (basic), HTML, CSS, JavaScript (for logic modeling)
- Tools:** MS Office, Google Workspace, and AI Tools (ChatGPT, Copilot, BlackBox AI)

ACHIEVEMENTS

- Completed "English Language Course" from LWE (05/2023)