SIDRA SAQLAIN

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EDUCATION

Sir Syed University of Engineering and Technology   **Oct 2023 - July 2027**
Bachelor of Science in Data Science

WORK EXPERIENCE

Excelerate -Project Management Associate Intern   **Aug 2025 –   Present**

- **Coordinated 5+ ongoing projects,** ensuring on-time deliverables by maintaining project schedules and progress reports.
- **Streamlined documentation processes,** reducing reporting time by **25%** through effective use of Excel and project management tools.
- Assisted senior managers in **risk monitoring and stakeholder communication**, improving task completion efficiency by **15%.**
- Prepared weekly KP**I reports and dashboards**, enabling data-driven decision-making and enhancing visibility of project status.
- Supported Agile project workflows, **contributing to a 10% increase in cross-team collaboration** and smoother task tracking.

PROJECTS

- **Cartify – E-commerce Platform** – Designed a full-stack ecommerce system with **Django**, **MySQL, and Bootstrap; implemented secure user authentication, product catalog, and admin panel, improving order processing efficiency by 30%.**
- **Snake Game (MIPS Assembly)** – Developed a classic Snake Game using Mars Simulator; implemented **movement, collision, and scoring logic at low-level, strengthening assembly programming** and runtime optimization skills.
- **Iris Flower Classifier** – Built a logistic regression model in **scikit-learn to classify Iris species** with **94% accuracy; feature correlation** analysis improved model interpretability for non-technical stakeholders.
- **California Housing Price Prediction** – Applied Ridge and Lasso regression to predict housing prices; reduced overfitting and improved **R^2 score by 12%** compared to baseline linear regression.
- **Server Performance Predictor** – Applied KNN similarity and regression on server CPU, memory, and network datasets; achieved low error variance and improved CPU utilization forecasts by **18%.**
- **Data Structures Visualizer (Java)** – Built an interactive Java application **to visualize arrays, stacks, queues, trees, and sorting algorithms;** enhanced learning efficiency for peers by **25%.**

PROFESSIONAL CERTIFICATIONS

Data Mining Course
NAVTTC (2024)

AI Prompts Masterclass – Prompt Hackers
(Data Crumbs)

Google Prompting Essentials
(United Latino Students Association)

The Threat Landscape 2.0 Self Paced
(Fortinet Training Institute)

ADDITIONAL

- **Technical Skills:** Python (NumPy, Pandas, Matplotlib, Scikit-learn), Java, SQL, Power BI, Jupyter Notebooks, Git/Github, Machine Learning, Data Visualization, Statistical Analysis.
- **Interests:** Participating in or leading open-source AI or machine learning projects