

# Syed Qasim Raza Fatimi

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<https://aicohort.tech/success-story/syed-qasim-raza-fatimi-2/>

## ABOUT ME

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Experienced Data Scientist with 2+ years of experience crafting data-driven solutions through data science, machine learning, and analytics. I'm self-motivated, and despite resource constraints, I've honed my skills by tackling real-world client projects and applying theoretical knowledge to practical challenges. This experience has equipped me to build robust data-intensive applications. Passionate about the power of data to address societal issues in healthcare and agriculture, I bring a relentless drive to learn and a commitment to positive impact. I aspire to contribute to cutting-edge research and push the boundaries of data science.

## EDUCATION

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**The Islamia University of Bahawalpur**  
**Bachelor in Computer Systems Engineering**

*Bahawalpur, Pakistan*

*Oct 2020- July 2024*

**Major:** Data Science and Analytics

**CGPA:** 3.65 out of 4

**Thesis:** Student's Performance Evaluation Using Artificial Neural Network

I obtained my bachelor's degree from The Islamia University of Bahawalpur in Computer Systems Engineering with a focus on Data Science and Analytics.

## WORK EXPERIENCE

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**Data Science Intern, STEM EYE**

*Bahawalpur*

*July 2022 – Nov 2022*

- Developed and implemented machine learning models (Random Forest, Neural Networks) to significantly reduce fraudulent transactions in financial data.
- Streamlined data processing workflows with data pipelines for real-time fraud detection and prevention.
- Created interactive dashboards and reports (Streamlit, Power BI) to effectively communicate complex fraud patterns to non-technical stakeholders.
- Researched and evaluated emerging machine learning techniques (anomaly detection, ensemble methods) to improve data integrity and explore future advancements in fraud detection accuracy.

**Data Scientist, Fiverr**

*Remote*

*March 2023 -Present*

- Mastered exploring data to uncover hidden patterns and fine-tuning data for better machine learning results for Fiverr clients.
- Used a variety of machine learning and deep learning models like linear regression, logistic regression, SVMs, KNN, k-means, RNNs, CNNs, and ANNs, and incorporated optimization techniques such as gradient descent and genetic algorithms to customize solutions and significantly improve prediction accuracy.
- Created engaging, interactive dashboards with Streamlit and Power BI to turn complex data insights into easy-to-understand stories for diverse clients.
- Applied deep expertise in data science to consistently deliver client-focused solutions on Fiverr, consistently exceeding expectations and achieving outstanding outcomes.

**Home Tutor**

*Muzaffarabad*

*Aug 2019 – Oct 2020*

- Developed strong pedagogical skills in teaching mathematics to students of various academic levels.
- Customized teaching methods to cater to individual student learning styles and needs.
- Improved students' understanding and performance in mathematics through personalized tutoring sessions.
- Enhanced communication skills in explaining complex mathematical concepts clearly and effectively.

## SKILLS & CERTIFICATION

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- **Technical Tools & Skills**

**Programming Languages:** Python, C++

**Libraries/Frameworks:** Pandas, Numpy, Matplotlib, seaborn, Plotly, Sk-learn, Keras, TensorFlow

**Data Visualization Tools:** Power BI, Streamlit

**Development Tools:** Visual Studio, Jupyter Notebook, GitHub, Postman

**Machine Learning Techniques:** Linear Regression, Logistic Regression, Random Forest, SVMs, KNN, PCA, k-means, RNNs, CNNs, ANNs

**Data Analysis & Mining:** Data Science, Data Analysis, Machine Learning, Deep Learning

**Other Tools:** Microsoft Office (Word, Excel, PowerPoint)

- **Research & Planning**

- Conducted research on applying machine learning algorithms to predict survival on the Titanic dataset, resulting in models with a 10% improvement in prediction accuracy.
- Researched the application of DCGAN for generating real images from forensic sketches.
- Evaluated student performance using artificial neural networks.
- Data Collection
- Data Analysis

- **Soft Skills**

Analytical Skills, Organizational Skills, Leadership, Active listening, Problem-Solving, teamwork, Critical Thinking, Decision-Making, Communication, Collaboration, & Result Oriented.

- **Certificates & Training**

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|---|----------------------------|
| ▪ 10 Months Certificate in AI Course                    | <b>Oct 2023 – Aug 2024</b> |
| ▪ Python Crash Course (Google)                          | <b>August 2023</b>         |
| ▪ Data Cleaning on Kaggle                               | <b>October 2022</b>        |
| ▪ SQL for Data Science by 365-Data Science              | <b>November 2022</b>       |
| ▪ Professional Computer Course (Scholars College of IT) | <b>June 2017</b>           |
| ▪ English language Course (Scholars College of IT)      | <b>June 2017</b>           |

## Projects

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- Vehicle Entrance System For IUB
- Forensic Sketch To Image Using DCGAN
- EDA on Titanic Dataset
- EDA Dashboard On Sales Analysis Using Streamlit
- The Super Store Dashboard using Power BI
- HR Analytic Dashboard in Power BI
- Website Traffic Management Dashboard
- Chefs Data Analysis using Power BI
- Amazon Sales Data Analysis dashboard in MS Excel

## LEADERSHIP ROLES & ACTIVITIES

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- Worked as General Secretary of IEEE Systems Men and Cybernetics Society in the Bahawalpur subsection.
- Worked as Chairperson of IEEE Systems Men and Cybernetics Society.
- Worked as President of IUB Kashmir Society.
- Worked as President of the Jammu Kashmir Student Council at Islamia University of Bahawalpur.