

MUHAMMAD RAKAY TARIQ

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OBJECTIVE

Innovative and data-driven recent graduate with hands-on experience in data science and software development, proficient in frameworks such as Java, machine learning, and big data tools. Eager to apply my skills in quantitative modeling, experimentation, and full-stack development to enhance the user experience

EDUCATION

Bachelor of Computer Science , SZABIST Islamabad - CGPA: 3.13/4	2020- 2024
Pre-Engineering , OPF BOYS COLLEGE, H-8/4, Islamabad - Grade: B	2017 - 2019
Matriculation , OPF BOYS SCHOOL, H-8/4, Islamabad - Grade: A	2015 - 2017

SKILLS SUMMARY

Languages	Python, SQL, Java, C#
Frameworks	Pandas, Numpy, Django, Flask, Matplotlib, Scikit-Learn, ASP.Net, MVC
Tools	Power BI, Excel, Powerpoint, MySQL, SQLite
Platforms	PyCharm, Jupyter Notebook, Google Collab, Visual Code, Eclipse
Soft Skills	Team Management, Excellent communication, Problem solving, Logic Building

EXPERIENCE

Artificial Intelligence and Security Administrative Intern Nescom	June 2023- August 2023 <i>Islamabad, PK</i>
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- Employed AI-driven methodologies to parse and structure log data, transforming raw information into actionable insights and aiding in rapid decision-making.
- Developed intricate rule sets for identifying critical events and anomalies, ensuring accurate analysis with minimal false positives.

Asset Integrity Executive Softoo	August 2024 <i>Islamabad, PK</i>
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- Accurately labeled and categorized diverse assets, including images, following predefined guidelines and standards.
- Ensured consistency and precision in labeling tasks to maintain high-quality training data for machine learning models.

PROJECTS

Course and Batch Management System Developed a web-based system to manage course, batch, and student registrations. Implemented login functionality and CRUD operations for courses and batches. Designed responsive user interfaces and integrated server-side logic with SQL Server for data management.

CricVision: In-Depth Cricket Data Visualization and Insights Engineered the pioneering Pressure Analysis Module, integrating Random Forest algorithm to predict optimal player choices based on historical cricket data. Enabled real-time predictions, empowering stakeholders to make informed decisions during matches.

CERTIFICATES

- **Programming in Python (Meta)** Mastered fundamental python syntax, Proficiently utilizing control flow, loops, functions, and data structures.
- **Ephinay Game Jam** Developed an entertaining and open world 3d game in a 3 day workshop securing a prize money.