ABDUL **RAHMAN**

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B. Mathematics Honors 1B

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TECHNICAL SKILLS

PROGRAMMING LANGUAGES

- Python, SQL, Java Script, Racket

TECHNOLOGIES

- Google Collab, Jupyter Notebook, Tableau, Power BI, Excel, PowerPoint, Word, HTML

SKILLS SUMMARY

- Strong communicator and team player with a proven ability to collaborate effectively and achieve goals proven through leadership positions.
- Skilled at delivering high-quality results under pressure and meeting tight deadlines.

CERTIFICATIONS

INTRODUCTION TO DATA MANAGEMENT BY META

- Gained expertise in data collection, quality management, and storage architectures, including big data solutions.
- Learned principles of data privacy, security, and governance to ensure compliance with regulations.
- Explored foundational machine learning concepts and their application in data-driven decision-making.

PROJECTS

DATA GOVERNANCE FRAMEWORK   *https://github.com/ARTEN-max/Data-Governance-framework*

- Developed a Python-based framework for data classification, lineage mapping, and quality checks adaptable to any input data source.
- Secured sensitive data using encryption and role-based access controls, ensuring compliance with data protection standards.
- Built visual graphs to represent data quality metrics and anomalies for enhanced data transparency.

DATA QUALITY MONITORING AND ANOMOLY DETECTION FRAMEWORK   *https://github.com/ARTEN-max/Fraud-Detection*

- Designed a machine learning-based anomaly detection system using Isolation Forest to identify fraudulent financial transactions.
- Automated transaction data quality validation and fraud alerts for proactive risk management.
- Visualized anomalous transaction patterns through graphs to support fraud investigation and decision-making.

FUNCTIONS IN PYTHON

- Created a pizza ordering service that allows customers to design their own pizza.
- Used dictionaries to aid the program.
- Coded multiple functions that calculate measures like emi of cars and house based on input values.

EXPERIENCE

HOUSE CAPTAIN – MERRYLAND INTERNATIONAL SCHOOL, UAE   *Sep 2023 - June 2024*

- Led and motivated a team of 100+ students to excel in extracurriculars, and inter-house competitions.
- Organized events and coordinated with faculty to ensure smooth execution of inter-house activities.
- Fostered a positive and inclusive team culture, improving participation and team spirit.

SPORTS SECRETARY – MERRYLAND INTERNATIONAL SCHOOL, UAE   *Sep 2022 - June 2024*

- Managed and trained school teams across multiple sports, leading to regional and state-level achievements.
- Organized practice sessions, tournaments, and inter-school competitions, ensuring seamless logistics.
- Promoted sportsmanship and teamwork, boosting team morale and individual performance.

EDUCATION

UNIVERSITY OF WATERLOO   *Sep 2024 - Present*

- Candidate for Honours Bachelor of Mathematics
- Recipient of University of Waterloo President's Scholarship of Distinction

ACCOMPLISHMENTS

VARSITY TENNIS ATHLETE

- Represent the University of Waterloo as a Varsity tennis athlete at the Ontario University Athletics (OUA) championships.
- Candidate for Rookie of the Year and finished 4th place in the 2024 OUA season.
- Ranked top 5 in the UAE in both U16 and U18 categories and top 50 in Serbia in U18 categories.

INTERESTS

- Avid sports fan with a keen interest in tennis and basketball.
- TV show enthusiast.