

# MOMNA TARIQ

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## SUMMARY OF QUALIFICATIONS

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- Excellent oral communication and soft skills reinforced by working with teams of 20 across multiple departments
- Strong analytical and problem-solving skills developed by analyzing complex databases and implementing IT solutions
- Technical troubleshooting within an enterprise environment including software configuration, system crashes, hardware slow-downs, windows imaging as well as understanding algorithmic solutions to data processing problems
- Proficient with Microsoft OS, MacOS, Microsoft Office, Python, SQL, and Power BI; and working knowledge of R
- Ability to employ use of data analysis tools such as Python libraries (NumPy, SciPy, Scikit-Learn, Pandas), API's, web scrapping in personal projects, and coding bootcamps for financial analysis

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## WORK EXPERIENCE

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### Business Intelligence Developer Intern

May 2023 – August 2024

L3Harris Technologies

- Developed a turret delivery dashboard to monitor efficiency of on-time delivery, repair status, and total turnaround time, resulting in over \$500,000 in cost savings and reducing over 3,000 hours of engineering time.
- Re-created a product performance dashboard using BI strategy, tracking hours per unit against rework and standard hours. The dashboard identifies benchmark gaps and uses complex DAX formulas for year-over-year comparison
- Reduced backlog by 30% by leveraging a DevOps dashboard that tracks key metrics such as savings, downtime, and profit generated, allowing more effective prioritization of user requests
- Designed and optimized ETLs, datasets, and data models using SQL, Excel, Snowflake, and SharePoint, enabling advanced visualizations in SSRS, Power BI Cloud, and Power BI Report Server for in-depth analysis.

### Information and Communications Technology Support

September 2021 – December 2021

Halton Healthcare

- Equipped MediTech Expanse to trouble-shoot problems, implement design upgrades, and design reports
- Assisted nurses, physicians, and all health care providers in easing the process of patient data entry with a new database
- Brainstormed creative methods to share progress and updates with staff, physicians, and teammates to simplify tasks
- Used critical thinking to unravel problems, evaluate solutions, and make decisions by analyzing system usage data

### Counselor

June 2021 – August 2021

STEM Camp

- Collaborated with other camp counselors to design fun and educational STEM activities for 25-30 campers weekly
- Demonstrated self-confidence and the ability to accept and adapt to constructive feedback from parents and colleagues
- Employed the responsibility of leadership with consistent and specific direction in the supervision of campers
- Employed project management focusing on introductory level computer science for children of ages 5-13

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## VOLUNTEER EXPERIENCE

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### Fit for Business, TedPack Leader

September 2021 – April 2022

Toronto Metropolitan University

- Led a virtual space for 20 – 30 students to become familiar, acquainted, and interact academically
- Organized study sessions, virtual meets, game nights, and in-person events in efforts to alleviate the virtual transition from high school to university; and to help students feel a sense of community and awareness of opportunities

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## EXTRACURRICULAR ACTIVITIES & ACHIEVEMENTS

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### Dataworks

January 2022 – April 2022

Toronto Metropolitan University

- Practiced and self-taught Python and SQL for business intelligence and data science over Dataquest platform
- Attended and participated in weekly incentive events to network, ask questions, and learn from industry related guests

### Bootcamps

September 2021 – April 2022

Toronto Metropolitan University

- R (level 1-4): Groupby data frames, Coding Linear Relationship Models, etc.
- Excel Business Fundamentals Challenge: VLOOKUP, COUNTIFS, Pivot Tables, SEARCH/FIND etc.

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## PERSONAL PROJECTS

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### Internet Movie Database

January 2023

Tools: Python – Cinemagoer, IMDB API

- Implemented API to web scrap IMDB and retrieve information about a movie, person, or company for data analysis

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## EDUCATION

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### Bachelor of Commerce, Business Technology Management Co-op

September 2021 - Present

Toronto Metropolitan University

- Deans List 2022
- Fit For Business Top 10% Engaged Distinction
- CGPA: 3.60/4.33