Mohammed Tarek

PERSONAL INFORMATION

Date Of Birth: 19 October 2004

Address: Cairo, Egypt EG

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SUMMERY

A student at Cairo University currently ranked second in my class and an ALX fellow.

I used ETL, automation, and predictive modeling to build a dataset and extract insights.

Forecast geomagnetic storms to anticipate and mitigate risks during NASA space apps hackathon 2023.

Analyzed data and built dashboards using power BI to inform strategic decisions at ALX.

Led two entrepreneurial projects with two teams of diverse cultures at ALX ventures and university.

Proficient in SQL, Python, Power BI, and bash scripting with an analytical mindset.

SOCIAL INFO

LinkedIn: [Mohammed Tarek](#)

EDUCATION

Cairo University   2022 October - Present

ALX scholarship   2022 May - Present

SKILLS

Hard skills

- Advanced SQL (MySQL and PostgreSQL), Python Programming, Visualization with Microsoft Power BI.
- Extract, Transform, and Load (ETL), Automation, Bash scripting, Database Administration.
- Statistical analysis, Exploratory data analysis (EDA), Machine learning and statistical learning.
- Problem-solving and IBM cloud services.

Soft skills

- Analytical thinking, lateral thinking, entrepreneurial mindset.
- handle negotiation and communication, attention to detail, team-player.
- Human centered design, Presentation.

PROJECTS

- [Develop the Oracle of DSCOVR](#)

CERTIFICATIONS

- [Data Engineering Essentials](#)   2023 November - Present
- [Python for Data Science, AI & Development](#)   2023 December - Present
- [Python Project for Data Engineering](#)   2023 December - Present
- [Introduction to Relational Databases (RDBMS)](#)   2024 January - Present
- [Databases and SQL for Data Science with Python](#)   2024 January - Present
- [Hands-on Introduction to Linux Commands and Shell Scripting](#)   2024 February - Present
- [Founder Academy](#)   2023 September - Present