Mohamed Kardosha

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LinkedIn | HackerRank | Kaggle | Codeforces

Education

Mansoura University   Mansoura, Dakahlia
Bachelors, Electronics and Communications Engineering   2021 - 2026

Experience

CAT Reloaded   Mansoura, Dakahlia
Data Science Committee Member   December 2023 – October 2024

- Learning and applying my knowledge in real-world projects.
- Participation in internal competitions and working with teams.
- Explaining the findings and the work to other teammates.

IEEE Mansoura Computer Science Chapter   Mansoura, Dakahlia
Data Science Committee Member   December 2023 – October 2024

- Being part of a chapter of IEEE worldwide organization.
- Learning and applying my knowledge in real-world projects.
- Participation in internal competitions and working with teams.
- Explaining the findings and the work to other teammates.
- Volunteering in various events.

Leadership & Volunteering

CAT Reloaded   Mansoura, Dakahlia
Data Science Committee Head   October 2024 – Present

- Leading a committee including 60+ members.
- Putting a roadmap to help members in studying the track.
- Managing supervisors, scheduling sessions and putting the season timeline.
- Making tasks and interviewing new members.

IEEE Mansoura Computer Science Chapter   Mansoura, Dakahlia
Data Science Committee Vice-Head   October 2024 – Present

- Helping the head in the committee work and suggesting ideas.
- Making tasks and interviewing new members.

IEEE Events

Code Steps 4.0   March 2024 – April 2024

- Volunteering as a programming assistant.
- Explaining programming concepts and python to small children.
- Making online sessions and answering children's questions.
- Helping children solve coding problems and participate in a final competition.

VICTORIES 3.0   September 2024 – November2024

- Volunteering as a Data Science mentor.
- Helping competitors in solving problems related to data field.
- Evaluating competitors' code and solution.

Skills

Programming languages and libraries:

- **C++:** Basic syntax , STL, and solving problems.
- **Java:** Basic syntax , data structure and OOP.
- **Python:** Basic syntax, collections, OOP and some libraries:
    - **NumPy:** Basic functions and methods to be able to use np arrays.
    - **Pandas:** Basic functions and methods for helping in working with data.
    - **Seaborn:** Basic functions and methods for making helpful visuals when working with data.
    - **Matplotlib:** Basic functions and methods for making helpful visuals when working with data.
    - **Scikitlearn:** Helping in Machine Learning projects.
- **SQL:** Basic syntax, PostgreSQL and solving problems.

Tools:

- **Power BI:** Making dashboards and visuals.
- **Tableau:** Making dashboards and visuals.
- **VS-Code:** Writing code and organizing projects.
- **Git/GitHub:** Sharing code with others, uploading projects and making contributions.

Languages:

- **Arabic:** Native speaker.
- **English:** Advanced level (B2:C1).

Competitions & Achievements

IEEE VICTORIES 2.0   September 2023 – November 2023

- Machine Learning and Deep Learning competition.
- Competing in a 3-weeks period.
- Advancing from the qualifications to the finals.
- Working with a teammate and presenting a final presentation.

ECPC Qualifications   August 2024

- Problem solving competition.
- Competing with 400+ teams to qualify for the ECPC competition.
- Working with 2 teammates and securing 77th place of the day.

CAT Data Science Competition   September 2024

- Kaggle competition focused on machine learning.
- Working with a team including 3 members.
- Competing for 3 days continuously.
- Winning the competition and securing first place.

IEEE DEVDUEL 1.0   September 2024

- Participating in a team consisting of 4 members.
- Making a full project starting from web scraping for data, cleaning, visualization and modelling.
- Dividing tasks between members.
- Presenting in front of judges and securing second place.

NASA Space Apps Cairo   October 2024

- Finding a solution serving the 17 SDGs from NASA's challenges.
- Participating in a 2-days hackathon.
- Working with a team consisting of 5 members and dividing tasks to implement the solution.
- Making a chatbot customized for our needs and for the challenge solution.
- Making a 5-minute video explaining the solution and work done.