

# Esraa Mosaad Abdelrazek

<https://esraa-mosaad.vercel.app/> • <https://github.com/EsraaMosaad>  
enew.abdelrazek0123@gmail.com • (+20) 1114356194 • Cairo, Egypt

## EDUCATION

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Cairo University, Doki

Jan 2019 - Aug 2023

*Bachelor of Computer Science and Artificial Intelligence, GPA: 3.11*

- *Built a strong foundation in computer science through core coursework during the first two years.*
- *Transferred to the Artificial Intelligence department in the third year, focusing on advanced AI subjects like Machine Learning to deepen expertise in the field.*
- *Graduated with an excellent grade on the final project, showcasing the ability to apply AI concepts to job recommendation systems.*

## EXPERIENCE

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RWS, Remote (Freelancer)

Apr 2024 - Present

*Data Evaluator - Google Data Services Projects (Bard Rating)*

- *Evaluated the responses of the AI model Bard, focusing on the quality, relevance, and accuracy of generated content.*
- *Provided detailed feedback on AI outputs to enhance the model's performance and user experience.*
- *Utilized analytical skills to rate responses based on specific criteria, ensuring alignment with project standards.*

AI SERVICE DATA CONTROL (ASDC), Remote

Nov 2023 - Dec 2023

*Artificial Intelligent Intern*

- *Analyzed customer groups using AI techniques to enhance market strategies, leveraging advanced data analysis and machine learning algorithms.*
- *Developed expertise in GPU-accelerated tasks, **optimizing data processing efficiency** and improving performance with large datasets.*
- *Successfully implemented YOLOv8, gaining practical experience in **segmentation techniques** and **object detection**.*
- *Acquired skills in efficiently handling large images for model optimization, ensuring optimal performance in object detection tasks.*

## TRAINING

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National Telecommunication Institute (NTI), Giza (Cairo University)

Jan 2025 - Mar 2025

*Data Analysis: Skills for the Freelance Professional*

- *Developed an **interactive Excel dashboard** to analyze road traffic accidents, providing insights into accident severity, vehicle types, and road conditions.*
- *Collaborated on a food delivery trends analysis project, cleaning and visualizing data in **Power BI** to optimize delivery efficiency and customer satisfaction.*
- *Utilized tools like **Excel, Power BI, SQL, and Python** to clean, analyze, and present data effectively.*
- *Enhanced skills in **data storytelling, dashboard design, and team collaboration** through hands-on projects.*

- Gained hands-on experience with essential tools such as **Python**, **SQL**, and libraries like **Pandas** and **NumPy** for **data analysis**.
- Created **data visualizations** with Python libraries such as **Matplotlib** and **Seaborn** to present insights.
- Learned **MLOps** tools like **MLflow** and **Hugging Face** to manage machine learning lifecycle and model deployment.
- Completed a capstone project involving data collection, wrangling, exploratory analysis, and model evaluation to solve real-world problems.

PROJECTS & EXTRACURRICULAR

Data Analysis Project, NTI Mar 2025 - Mar 2025  
Analyzing Food Delivery Trends

- Collaborated on a data analysis project to clean, process, and visualize food delivery data using Power BI and Excel.
- Created interactive dashboards to identify trends, optimize delivery routes, and improve customer satisfaction.
- Applied data storytelling techniques to present findings effectively to stakeholders.

Graduation project, Cairo University Sep 2022 - Jul 2023  
Job Recommendation and Filtering

- Collaboratively developed a job recommendation and filtering system using machine learning techniques.
- Responsibilities included designing machine learning models, implementing data filtering techniques, and creating a user-friendly website to showcase the system.

Student Activity Jan 2020 - Apr 2023  
180 Daraga

- Contributed as a member of the Family 180 committee, specializing in video production.
- Showcased creativity and expertise by producing captivating short educational animation videos for the Family 180 YouTube page.
- Contributed to advancing students' knowledge by providing valuable assistance teaching **C++** courses.
- Contributed to organizing the New Stage event, fostering community engagement.

SKILLS

Data Analysis

- Programming Languages: Python
- Data Handling: Pandas, NumPy, Matplotlib
- Data Analysis Tools: Excel, Power BI, SQL
- Data Processing Tools: PySpark, Docker

Analytical Skills

- Data Cleaning
- Trend Analysis
- Actionable Insights

Artificial Intelligence & Machine Learning

- Machine Learning: Natural Language Processing (NLP), Reinforcement Learning
- Deep Learning Frameworks: TensorFlow, Keras
- Computer Vision: Object Detection, Image Processing

Development & Deployment

- Version Control: Git, GitHub
- Model Management: MLflow
- Web App Development: Streamlit

References are available upon request