

Mohamed Mansour Sayed

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Objective:

AI Engineer and Data Scientist with expertise in machine learning, AI automation, and business intelligence. Skilled in developing AI-powered solutions such as ATS systems using embedding models, vector databases, and similarity search. Experienced in data analytics, deep learning, and AI-driven decision-making across multiple domains.

Education:

Bachelor of Electronics and Communication Engineering, Faculty of Engineering, SVU University.

Grade: Very Good.

(2021 – 2026)

Experience:

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|--|----------------------------|
| - AI & Data Science (Internship) DEPI (remote). | Jun 2025 – Dec 2025 |
| Data analysis & visualization with Python, Web scraping, SQL, Machine learning, MLOps, MLflow and Hugging Face. | |
| - Automation Engineer (Internship) ITIDA / Hosted by Phoenix (on-site). | Aug 2025 – Oct 2025 |
| Designed n8n workflows automation for content creation and real estate assistant | |
| - GEN AI Summer Training NVIDIA / ITI Egypt (remote). | Aug 2025 – Sep 2025 |
| Building LLM apps with prompt engineering, RAG and Langchain | |
| - Artificial Intelligence Training NTI / HUAWEI (on-site). | Dec 2024 – Feb 2025 |
| Python, OOP, Math/Stats for AI, ML & DL basics. | |
| - Machine Learning Training NTI (online). | Jun 2025 – Aug 2025 |
| Implemented ML algorithms from scratch and Predictive models with Scikit-learn Feature engineering, outliers and PC. | |
| - CCNA v7 Training NTI (on-site) | Jul 2024 – Aug 2024 |
| TCP/IP, subnetting, routing/switching, VLANs, ACLs, Cisco Packet Tracer. | |

Projects:

Data Science Survey Analysis.

Project Link: <https://github.com/Mans404/Kaggle-2021-Data-Science-Survey-Competition>.

Analyzed survey data from 25k+ professionals, Created trend and salary visualizations.

AI Automation with n8n.

Designed AI-powered automation workflows and Integrated external APIs for event-driven agents.

HR CVs screening With RAG Technology.

Filter candidates by skills metadata and Semantic Search across all CVs.

Certificates:

AI and Data Science – DEPI.

Artificial Intelligence - Huawei / NTI.

Machine Learning – NTI.

Generative AI - NVIDIA / ITI Egypt.

AI Automation – ITIDA.

CCNA v7 - NTI.

Skills & languages:

Languages:

- Arabic (Native language).
- English B2.

Skills:

***Data Analysis:**

Python (Pandas, NumPy, Matplotlib, SkLearn), Data visualization, Statistical analysis and Web Scraping.

***Software Development:**

C/C++ | Python | SQL (MySQL).

***AI & Automation:**

n8n workflows | AI-driven agents | Machine Learning | RAG System | Vector Databases | API Integrations | CrewAI.

***Web Development:**

Django | HTML | CSS.

***Soft Skills:**

Teamwork | Problem Solving | Time Management | Adaptability | Communication | Presentation Skills