

Sarah Nabil Kamel

AI Engineer

✉ sarah.nabil.kamel@gmail.com ☎ +201026402436 📍 Egypt 🔗 [linkedin.com/in/sarah-nabil-kamel](https://www.linkedin.com/in/sarah-nabil-kamel)
🐙 github.com/SarahNabilKamel

PROFILE

Computer Science graduate from Luxor University (2024), currently enrolled in ITI's intensive 9-month Artificial Intelligence program. Practically experienced in Python, C, and C++, with proficiency in TensorFlow, PyTorch, and data-processing tools. Developed projects in computer vision, natural language processing, and predictive analytics; skilled at training, evaluating, and deploying models for real-world applications. Quick learner and problem-solver, effective team player, with foundational experience in Linux systems and full-stack web development using PHP. Proven ability to work under pressure, driven by a passion for technology, problem-solving, and continuous learning.

EDUCATION

9-Month Professional Diploma, Artificial Intelligence and Machine Learning Track 10/2024 – 06/2025
•(ITI) Information Technology Institute ,(MCIT) Ministry Of Communications And Information Technology

Bachelor of Computer Science 2020 – 2024
Luxor University
•Cumulative Grade : Very Good with honor
•Graduation Project 📄 : Developed an inclusive literacy education platform for individuals with special needs, aiming to foster a sustainable learning environment within the educational sector.
•Graduation Project Grade : Excellent

PROJECTS

Obesity Classification 📄
The project applies supervised learning techniques to classify individuals based on their obesity risk level using:
• Personal features (age, weight).
• Behavioral features (eating habits, physical activity, transportation mode)

Document Clustering 📄
The project applies unsupervised learning techniques to cluster documents from two datasets:
• People Wikipedia Dataset (biographical articles from Wikipedia).
• 20 Newsgroups Dataset (20,000 articles across different topics).

KNN and deep neural network on RT-IoT 2022 Dataset 📄
A project applying KNN and deep neural network models to the RT-IoT2022 dataset—combining normal IoT device traffic with simulated attacks—to evaluate and enhance intrusion detection in real-time IoT networks.

COURSES

Database Fundamentals
Mahara-Tech

Python
Scaler

Linux
Mahara-Tech

Git & GitHub
DataCamp

Backend PHP
Mahara-Tech

Cloud Computing AWZ

DataCamp

Probability&Statistics

Coursera

TECHNICAL SKILLS

Programming languages

- Python, C ,C++, SQL,NoSQL

Machine learning and deep learning

- Scikit-Learn, Pandas, NumPy, Tensorflow,pytorch

NLP Libraries

- spaCy, NLTK,gensim scikit learn

PERSONAL SKILLS

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|----------------|------------------------|
| • Adaptability | • Communication skills |
| • Teamwork | • Time Management |
| • Leadership | |

LANGUAGES

Arabic

(Native)

English

(Proficient)