

## Contact

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## Top Skills

Deep Learning  
Data Visualization  
Machine Learning

# Ahmed Sakr

AI Trainee at Information Technology Institute (ITI)  
Cairo

## Summary

- Motivated, Autonomous, Hard worker and good team member.
- Experienced in quickly mastering new domains and technologies.
- Good communication skills, Researching and Teaching Skills.
- Challenge difficulties to reach the goal.
- Strong time management and multitasking skills.

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ARTIFICIAL Intelligence PROFESSIONAL PROGRAM (AI-PRO 9 Months) :

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Machine learning as a discipline aims to design, understand, and apply computer programs that learn from experience (i.e. data) for the purpose of modelling, prediction, and control.

\* Phase\_1

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- 1-Python
  - 2-Java (Spring -Maven - Spark - Smile---etc)
  - 3-Linear Algebra
  - 4-Data Preparation
  - 5-Probability and Statistics
  - 6-Linux (Ubuntu, CentOS... etc)
  - 7-Numerical Optimization
  - 8-Numerical Algorithms
  - 9-ALgorithms WorkShop
  - 10-Knowledge Representation and AI History
  - 11-Communication and Presentation Skills
  - 12-Business
  - 13-Feature Engineering
  - 14-Data Exploration
  - 15-Web Scraping
  - 16- version control (Git.. )
  - 16-Challenge Datasets
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## \* Phase 2

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- 1-Python
  - 2-No SQL (redis, Mongo, Cassandra, Graph)
  - 3-Sql (my sql, postgres, sql server )
  - 4-Machine Learning
  - 5-Deep Learning
  - 6-Reinforcement Learning
  - 7-Cloud Infrastructure
  - 8-Spark
  - 9-Kaggle Competitions
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## \* Phase 3

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- 1- Image Processing
  - 2- Video Processing
  - 3- NLP
  - 4-Recommendation systems
  - 5-Audio and Video Processing
  - 6-Big Data
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Graduation projects

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## \*\* DataCamp

- Data Scientist Track
- Data Analyst Track

## \*\* AWS

- AWS Academy Cloud Foundations.
- AWS Academy Machine Learning Foundations.

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## Experience

Information Technology Institute (ITI)  
Artificial Intelligence Internship  
April 2021 - Present (9 months)  
Cairo, Egypt

The Artificial Intelligence Professional (AI-Pro) program is a 9-month post-graduate professional training program in Machine Learning and Artificial Intelligence. The program provides a unique learning experience with a balance between theoretical foundations, practical tools, and applications. The program is developed in partnership with the French Graduate School of Computer Science and Advanced Technologies (EPITA).

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## Education

Monoufia University

Good · (October 2015 - June 2019)