

Ahmed Yahia

Data Scientist | Machine Learning Engineer

A graduate student CS major, Assiut University with a postgraduate specialization in AI from Information Technology Institute (ITI). An Adaptable fast learning person with an unbridled passion for Artificial Intelligence, Strong Mathematical background (Calculus, Linear Algebra, Probability & Stats) and, comprehensive knowledge of Machine Learning concepts.

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EDUCATION

AI-Pro Program Powered By EPITA Information Technology Institute (ITI)

04/2021 - 12/2021

Cairo, Egypt

Related Courses

- Probability For Machine Learning.
- Linear Algebra For Data Science.
- Data Exploration and Preparation.
- Supervised & Unsupervised Machine Learning
- Deep Learning & transfer learning .

Bachelor's degree in Computer Science Assiut University

06/2015 - 06/2019

Assiut, Egypt

Related Courses

- Object Oriented Programming.
- Algorithms.
- Databases.

PROJECTS

Arabic Language model (11/2021 - 1/2022)

- collected an Arabic corpus and, processed it.
- built N-Gram, RNN and, Transformer models that led to decrease the Perplexity to 49.1.

Neural machine translation (12/2021 - 12/2021)

- used an attention model and achieved 89% accuracy .

Finding Donors for CharityML Organization (12/2021 - 12/2021)

- evaluated and optimized several different supervised classification learners on unbalanced data that led to a 45% increase in F1-score.

Seoul Bike Rental Prediction (08/2021 - 09/2021)

- evaluated and optimized several different supervised regression learners that led to decrease the RMSLE to 0.43.

SOFT SKILLS

- Research-oriented - Presentation skills

TECHNICAL SKILLS

Data Analytics

Data Modeling

CNN

numpy

Matplotlib

Scikit-Learn

TensorFlow

NLTK

OOP

python

Git

Data Visualization

NLP

Recommender Systems

Pandas

seaborn

Keras

Pyspark

SQL

Java

agile

CERTIFICATES

Deep Learning Specialization (01/2022)

5 courses by **DeepLearning.AI** on the **Coursera** platform.

Machine Learning Cross-Skilling Nanodegree Program (12/2021)

Nanodegree Program from **Udacity**.

Natural Language Processing with Classification and Vector Spaces (11/2021)

Offered by **DeepLearning.AI** on the **Coursera**.

Data Scientist with Python track (10/2021)

23 Courses, 6 Projects, and 3 Skill Assessments offered by **DataCamp**.

Statistics Fundamentals with Python (07/2021)

5 courses offered by **DataCamp**.

Introduction to data science in python (12/2019)

Offered by the **University of Michigan** on **Coursera**.

LANGUAGES

Arabic



English

