

Mohamed El-sadek Mohamed

Junior Machine Learning Engineer

Contact info

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Summary:

As an experienced machine learning engineer, I have honed my skills in mathematics and programming. Proficient in Python and C++, I specialize in a diverse range of algorithms, including regression, classification, clustering, and deep learning. My expertise extends across all stages of the ML pipeline, from meticulous data preprocessing to rigorous model evaluation and fine-tuning. A collaborative team player with strong communication skills, I am committed to staying abreast of the latest advancements in the field. I am enthusiastic about leveraging my skills to contribute to innovative ML projects.

Education:

Sep 2021–Jul 2025 **Bachelor's in Computers and Informatics, Zagazig University.**

- Major in Computer Science
- Cumulative GPA: 2.9

Skills:

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| • Python. | • Pandas. | • Database. |
| • Microsoft Excel. | • Data Preprocessing. | • Linear Algebra. |
| • Data Visualization . | • Model Evaluation. | • Feature Engineering. |
| • Machine Learning | • Communications Skills. | • Data Cleaning. |
| • Data Manipulation | • Data Analysis | • Probability And Statistics |
| • Problem-Solving | | |
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- Machine Learning Expertise:
 - Supervised Learning (Regression, Classification)
 - Unsupervised Learning (Clustering)
 - Deep Learning (CNNs, RNNs)
 - Model Deployment (TensorFlow Serving)

projects:

- Customer Churn Prediction for Telecom Company
- Predictive Maintenance System for Industrial Equipment
- Image Classification for Medical Diagnosis
- Sentiment Analysis for Social Media Monitoring
- Breast Cancer Classification with a simple Neural Network (NN)
- Handwritten-Character-Recognition
- House Price Prediction in California, USA
- Mall Customer Segmentation Data
- Mobile Price Classification
- Predicting a Child's IQ from Their Mother's Features
- Smartwatch Indian Price Prediction
- Tablet sales price prediction 2024
- World Population Analysis

Courses:

- [Introduction to Probability and Data with R \(Coursera\).](#)
 - [Machine Learning Specialization.](#)
 - [Python for Data Science AI & Development](#)
 - [Intermediate Python.](#)
 - [Data Manipulation with pandas](#)
 - [Custom Datasets for LLMs](#)
 - [AWS Machine Learning Fundamentals \(Udacity Nanodegree\).](#)
 - [Machine Learning using Python \(Simplilearn\)](#)
 - [Deep Learning for Beginners \(Simplilearn\)](#)
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