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:

- Python.
- Microsoft Excel.
- Data Visualization .
- Machine Learning
- Data Manipulation
- Problem-Solving

- Pandas.
- Data Preprocessing.
- Model Evaluation.
- Communications Skills.
- Data Analysis

- Database.
- Linear Algebra.
- Feature Engineering.
- Data Cleaning.
- Probability And Statistics

- 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.](#)
- [Python for Data Science, AI & Development.](#)
- [Machine Learning using Python](#)
- [Discovering Artificial Intelligence and Machine Learning.](#)
- [Introduction to SQL.](#)
- [Machine Learning.](#)
- [https://drive.google.com/file/d/18UR9HNwTA-md3T5AllAlZck-QX16QIe6/view?usp=drive_link.](https://drive.google.com/file/d/18UR9HNwTA-md3T5AllAlZck-QX16QIe6/view?usp=drive_link)
- [Learning Data Analytics: 1 Foundations](#)
- [Introduction to Python](#)
- [Biomedical Image Analysis in Python](#)
- [Data Manipulation with pandas](#)
- [Introduction to MLflow](#)