

Mehdi MirAwareh

Machine Learning Engineer

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Summary

Aspiring Machine Learning Engineer seeking opportunities to apply and enhance skills in machine learning and PyTorch. eager to contribute to innovative projects and collaborate with experienced professionals to further develop expertise in the field.

Skills

Languages/Framework: Python • C++ • Pytorch • Scikit-Learn • Tensorflow • **Modeling:** MLPs • CNNs • GANs • RNNs & LSTMs • Transformers • **Lib:** Numpy • Pandas • Matplotlib • Opencv • Math • Seaborn • **Backend:** Django • Flask • **DataBase:** Sqlite3 • SqlServer • MongoDB • PostgreSQL

Soft Skills: **Analytical Thinking:** Able to analyze and resolve complex infrastructure issues.

Communication: Excellent in explaining technical concepts to non-technical stakeholders.

Certification: Certified in ML By Tehran Institute of Technology

Certified in ML By Quera

Personal Project

Handwritten digit [\[Repo Link\]](#)

Developed a Handwritten Digit Recognition system using machine learning techniques(Scikit-learn & OpenCV).

- Implemented the project using SKlearn for machine learning models.
- Utilized Tkinter for creating a user-friendly graphical interface.
- Integrated OpenCV for image processing and feature extraction.
- Demonstrated strong problem-solving skills in tackling challenges related to image classification.

Diabetes [\[Repo Link\]](#)

The Diabetes Detection project, utilizing Scikit-learn with Django offers a powerful tool for predicting diabetes based on user-input health data.

- Built on Django for seamless web development and Scikit-learn for robust machine learning.
- The updated system now allows users to register and log in securely.
- receive personalized predictions for diabetes scores based on input health metrics.
- This version signifies a significant step towards a more interactive and user-centric health management platform.

Education

Islamic Azad University

Bachelor of Computer Engineering

Rasht

Jan 2019 - June 2023