

Mehdi MirAwareh

Machine Learning Engineer

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Summary

Highly motivated and experienced Python Developer with a strong background in Machine Learning and Deep Learning. Over the course of 3 years, I have honed my skills in developing intelligent systems and predictive models. My interest lies particularly in Reinforcement Learning, where I am keen on exploring how software agents ought to take actions in an environment to maximize some notion of cumulative reward. I am adept at analyzing large datasets, creating sophisticated algorithms, and developing scalable and robust models. I am looking forward to applying my skills in a challenging role to further advance in the field of AI.

Experience

Freelancery/Remote

2023 - Present

Machine Learning and Deep Learning

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

Transformers with Scratch [\[Repo Link\]](#)

Developed a Transformers with Scratch using Deep Learning(PyTorch)

Lunar Lander Version 2 [\[Repo Link\]](#)

Developed Reinforcement Learning Algorithms with Pytorch and OpenAI's Gym.

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

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

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.

Education

Islamic Azad University

Bachelor of Computer Engineering

Rasht

Jan 2019 - June 2023