



Rouhollah Dehghani

PYTHON · MACHINE LEARNING ENGINEER

Montreal, Canada

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“Be the change that you want to see in the world.”

Summary

Machine Learning Engineer with 2 years of experience designing, training, and deploying ML models into production. Skilled in Python, PyTorch, TensorFlow, and Scikit-learn, with a strong foundation in data preprocessing, feature engineering, and model optimization. Experienced in building end-to-end ML pipelines, from data collection to deployment on cloud platforms (AWS/GCP). Passionate about applying ML to solve real-world problems in NLP, computer vision, and predictive analytics, with a proven track record of improving system performance and delivering business impact.

Relevant Experience & Projects

JavanehCode Academy (Remote)

Tehran, Iran

JOB TITLE: MACHINE LEARNING PROJECTS – HOSTED ON HUGGING FACE

Jan. 2023 – Present

- Designed and deployed machine learning models on Hugging Face Spaces, enabling interactive public demos.
- Built end-to-end ML pipelines for preprocessing, training, evaluation, and deployment using PyTorch and TensorFlow.
- Fine-tuned transformer models (e.g., BERT, DistilBERT) for NLP tasks, improving classification accuracy by up to 10%.
- Implemented version control and CI/CD workflows with Git/GitHub for reproducibility and scalability.
- Applied MLOps tools and cloud deployment practices to optimize model performance and reduce latency.
- [Link to Hugging Face](#) ↗

Hamrueyesh Company (Remote)

Tehran, Iran

JOB TITLE: DJANGO INSTRUCTOR

Oct. 2022 – Present

- Created Django framework course content by example for students.
- Designed the course in six modules: Student App, Advanced Models, Authentication System, Content Management System, Course Registration, and Project Deployment.
- [Link to Instructor Page](#) ↗

Education

Arak University

Arak, Iran

M.S. STRUCTURAL ENGINEERING AND B.S. IN CIVIL ENGINEERING

Oct. 2008 – Oct. 2014

Skills

Python, Numpy, Pandas, PyTorch, TensorFlow/Keras, Scikit-learn, Seaborn, Matplotlib, Hugging Face Spaces
Feature engineering, data cleaning, Django, Django REST framework, Git, Linux, GitHub

Certificates

- Git and GitHub Essentials ↗
- Programming for Everybody (Getting Started with Python) ↗
- Certificate of completion for terminal bash vim essentials ↗

Languages

English

FLUENT IN SPEAKING AND PROFICIENT IN RESEARCH

Deutsch

A2

