MATIN GHORBANI

AI & BACKEND DEVELOPMENT SPECIALIST

Passionate AI and backend development specialist with expertise in deep learning, machine learning, and scalable backend systems. Experienced in building and optimizing neural networks, deploying AI models, and developing robust APIs.

WORK SAMPLES

MACHINE LEARNING & DEEP LEARNING

- Implement a multi layer perceptron from scratch
- Age estimator using PyTorch
- DCGAN for Celeb_a dataset to generate celebrities faces using PyTorch
- Salt segmentation using UNet with PyTorch for TGS Salt Identification Challenge
- Carvana segmentation using UNet with PyTorch

BACKEND

- A simple todo API using Django Rest Frame Work

PROFESSIONAL EXPERIENCES

ML & DL ENGINEER AT SENSOMATT
Nov 2024 - Jun 2024
Remote Working, Part Time
- Developed a ML model that predicts someone's position on a chair

DEEP LEARNING ENGINEER AT PARSTECHAI
May 2023 - Jun 2024
Part-Time
- Get some benchmarks from Yolov8 C++

COMPUTER VISION DEVELOPER AT RAPID SOLUTION INTERNATIONAL
Sep 2024 - Feb 2024
Remote Working, Part-Time
- Developed a deep learning model that predicts boxes volume and developed an API for it

SKILLS

PROGRAMMING
- Python
- JS
- C++

MACHINE LEARNING
- PyTorch
- TensorFLow
- YOLO
- Scikit-Learn

DEEP LEARNING
- CNN
- MLP
- GANs
- InsightFace

BACKEND DEVELOPMENT
- Django
- Django REST Framework (DRF)
- FastAPI

TOOLS & TECHNOLOGIES
- Git
- Docker

CONTACT

- 09021801386
- matin.ghorbani101010@gmail.com
- matin-ghorbani

CERTIFICATES

- PyTorch Essential Training: Deep Learning By **LinkedIn**

- OpenCV TensorFlow-Keras Bootcamp By **OpenCV University**

- Machine Learning with Python By **freeCodeCamp**

- Kaggle Intermediate Machine Learning By **Kaggle**

- Kaggle Computer Vision By **Kaggle**

- CS50's Introduction to Artificial Intelligence with Python By **Harvard University**

- Supervised Machine Learning, Regression and Classification By **DeepLearning.AI**

- C++ Intermediate By **Sololearn**

- Docker for Developers By **LinkedIn**

HONORS & AWARDS

- 2nd Place – Autonomous Cars Challenge Simulation Pro (ICROM 2024) Issued by FIRA - AVIS, Dec 2024

- 1st Place – Autonomous Cars Challenge Simulation U19 (Tech Olympics 2024) Issued by FIRA - AVIS, Oct 2024

EDUCATION

- Sampad AmirKabir Technical and Vocational School (2022 - 2025) Network and Software Field

- Sampad Hasheminejad 2 High School (2019 - 2022)