



# Murad Mustafayev

## AI/ML Engineer

Motivated AI/ML Engineer with a progressive career in Computer Vision, specializing in real-time multi-agent systems. Proven expertise in leading projects from concept to production, effectively managing and mentoring interns. Have experience with GANs for image-to-image applications.

## Experience

### Computer Vision Engineer

AZAI Tech, Baku, Azerbaijan | 2023 - Present

- Designed and developed real-time multi-agent Computer Vision systems
- Optimized Computer Vision systems for hardware-constrained conditions
- Trained and fine-tuned existing as well as designed custom DL architectures
- Utilized transfer learning for Computer Vision applications

**Tech Stack:** Python, C++, OpenCV, Dlib, TensorFlow, Keras, Pytorch, NumPy, CUDA, YOLO, ultralytics, MobileNet, R-CNN, Docker, Azure, AWS, DeepFace, FAISS

### Python Developer (Backend + AI)

Freelance | 2020 - Present

- Worked with NLP, Computer Vision and Embedding Search
- Developed Python scripts to automate data processing tasks
- Designed and developed RESTful APIs with FastAPI/Flask

**Tech Stack:** Python, Django, FastAPI, Flask, Regex, TensorFlow, Keras, NumPy, Pandas, Scikit-Learn, OpenCV, YOLO, ultralytics, Docker, Digital Ocean

## Education

### Bachelor's Degree in Computer Science

University of Strasbourg | 2021 - 2024

- Relevant Courses: Artificial Intelligence, Computer Vision, Signal Processing
- GPA: 90/100

## Accomplishments

- 3-rd place winner Google AI Hackathon in Azerbaijan, 2024
- 3-rd place winner on the local stage of AcInSpace international competition, 2022
- Finalist of the ABB Innovation Startup Challenge, 2022
- Strasbourg University Summer School participant, 2022
- Earth, Energy & Environment Conference participant, 2021

## Contact

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## Skills

Python, C, C++, Java

OpenCV, Pillow, Dlib

TensorFlow, Keras, Pytorch

Numpy, Matplotlib, Scikit-Learn

Git, Docker, Cloud Services

## Languages

English (Fluent)

French (Intermediate)

Russian (Native/Bilingual)

Azerbaijani (Native/Bilingual)