

Rasul Alakbarli

+33 6 67 52 59 69 | alakbarlirasul@gmail.com | [Linkedin](#) | [GitHub](#)

EXPERIENCE

Machine Learning Engineer

August 2023 – Present

Space Agency of the Republic of Azerbaijan (Azercosmos)

Baku, AZE

- Implementation of custom models for satellite image segmentation
- Super - Resolution for satellite images

Machine Learning Intern

May 2023 – August 2023

AZAI TECH

Baku, AZE

- Face detection and recognition application for mobile devices.
- Implementation of MLkit and MobileNetV2 in Android Studio

Deep learning Engineer

March 2023 – April 2023

Freelance

Baku, AZE

- Developed Sign language recognition and sign language translation models.
- Developed the action recognition model for videos using I3D (Inflated 3D Networks).

Research Assistant

September 2021 – January 2022

EiLink

Baku, AZE

- Designed highly accurate 3D reservoir models and took part in their analysis.
- Supported data processing operations and provided survey research assistance.

EDUCATION

University of Paris-Saclay

Paris, France

Master's in Artificial Intelligence

2024-2026

University of Rennes 1

Rennes, France

Bachelor's of Petroleum engineering

2020-2024

- WAM/GPA: 90/100
- 1st place winner of 2022 UFAZ Hackathon
- 2nd place winner of 2022 ActInSpace Hackathon
- 1st place winner of 2022 Secure Energy Hackathon

PROJECTS

Semantic Segmentation of Satellite Imagery | *Tensorflow, Keras*

- Semantic Segmentation of High-Resolution Multi-Spectral Optical Satellite Images
- The project utilizes the U-Net model implemented in Keras to perform the segmentation task.

Sign Language Recognition from videos | *Tensorflow, Pytorch*

- Developed the action recognition model for videos using I3D (Inflated 3D Networks).
- Data Streaming

Face Detection and Recognition | *Deepface, OpenCV*

- Face detection and recognition on both static images and real-time video from a webcam.

Image Classification on Intel image dataset | *Tensorflow*

- Developed and compared numerous classification algorithms such as AlexNet, ResNet).

COMMUNITY & LEADERSHIP

Volunteer

September 2022

Azerbaijan International Defence Exhibition

Baku, AZE

- French-English translator

TECHNICAL SKILLS

Languages: English, Russian, French, Turkish, Azerbaijani

Frameworks: Tensorflow, Pytorch, Keras

Libraries: Scikit-Learn, OpenCV, Numpy

Programming Languages: Python, JavaScript, C