



## Tsovinar Tina Babakhanyan

Data Scientist | Machine Learning & NLP Engineer

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## Professional Summary

Data Scientist and Junior Machine Learning Engineer with hands-on experience in NLP, LLMs, and real-world AI projects. Worked on multilingual NLP, chatbots, data analytics, and education-focused AI solutions through Omdena and startup environments.

## Technical Skills

Python, SQL, NLP, LLMs, Transformers, PyTorch, TensorFlow, Hugging Face, LangChain, CrewAI, OpenCV, Pandas, NumPy, GeoPandas, QGIS, Django (basic), Flask (basic), Postman, Git, GitHub, Azure DevOps, Jira, TestRail

## Experience

### Omdena – Junior Machine Learning Engineer (Oct 2024 – Dec 2024)

- Built NLP & LLM-based WhatsApp chatbot solutions
- Led image & text preprocessing tasks
- Applied OpenCV for exercise classification

### Oragic Startup – Data Science Intern (Sep 2022 – Dec 2023)

- Multilingual NLP research (DE, FR, ES, IT, ZH, EN)
- Sentiment analysis & text classification models

## Education

### Master's Degree – Computer Engineering (2008–2009)

Thesis: Fast Layer-3 Handover in Vehicular Networks

### Bachelor's Degree – Computer Complexes and Networks (2003–2007)

## Certifications

Product Owner (Omdena), Data Engineer (Omdena), AI Innovation Challenge, Text Summarization (Omdena), QA Methodologies, Python Developer & ML

## Languages

Armenian (Native), English (Advanced), Russian (Intermediate)