

# Muhammadjonov Dilyorbek

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## AI & ML

### Experience

#### Mutolaa

October 2024 - December 2024

AI & ML developer

Implemented automation system in training data for Uzbek TTS model using fairseq , pydub , pytorch and other tools .

#### SATashkent

May 2025 - Present

AI & ML developer

Implemented a system of identification of similar questions using algorithms of embeddings and vector search

Developed customer support agent with knowledge base of website , using RAG models

### Projects

#### BIL

- With the usage of Google's Uzbek LLM developed a system of recognizing Uzbek speech.
- Utilized LLM to transcribe, and NLP to extract key points and store relevant data from daily conversations.
- Implemented a summarization algorithm that condenses information into actionable insights, enabling easy recall of past conversations.
- Build multi platform support and sync

### Honours

#### Urban.Tech Hackathon

1st place in Industry Tech  
Presented project on analyzing  
CCTV cameras and giving  
feedback on productivity and  
activities going on

#### ICPC

with my team "FemSezuko"  
placed 12th place among  
Uzbekistan and advanced to  
Semifinals (held in Kazakhstan)

#### IYMC

Bronze finalist  
Took bronze medal in  
international math Olympiad by  
going through 2 stages

### Education

- Bachelor of AI and Robotics  
New Uzbekistan University
- Samarkand Presidential School

2024-present

2021-2024

### Skills

Python	
C++	
SQL	
OpenCV	
TensorFlow	
PyTorch	
Numpy,Pandas	

### Languages

English- fluent , Russian - fluent , Uzbek - native

### Certifications

- Advanced Computer Vision with Python,  
Data Analysis with Python  
FreeCodeCamp
- Machine Learning Engineer Nanodegree  
Udacity
- Possibility theory  
Stepik