

Muhammadjonov Dilyorbek

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AI & ML

Experience

Mutolaa AI & ML developer Implemented automation system in training data for Uzbek TTS model using fairseq , pydub , pytorch and other tools .	October 2024 - December 2024
SATashkent 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	May 2025 - Present

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

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|---------------------------------|--------------|
| • Bachelor of AI and Robotics | 2024-present |
| • New Uzbekistan University | |
| • Samarkand Presidential School | 2021-2024 |

Certifications

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

Skills

Python	<div></div>
C++	<div></div>
SQL	<div></div>
OpenCV	<div></div>
TensorFlow	<div></div>
PyTorch	<div></div>
Numpy,Pandas	<div></div>

Languages

English- fluent , Russian - fluent , Uzbek - native