

# Mukhammadsaid Mamasaidov

Tashkent, Uzbekistan

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## Experience

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- Tahrirchi** **Uzbekistan**  
○ *Founder* *February 2022 – current*  
Developed Tahrirchi, a pioneering mobile keyboard utilizing finite-state transducers, enhancing word correction, completion, and prediction for the Uzbek language.  
Developed the largest Uzbek corpus and introduced grammar correction using Grammarly's model for Uzbek, a pioneering effort among Turkic languages.  
Developed multiple extensions to make writing in Uzbek easy, like MS Word extension, browser extension, website and Telegram bot.
- Amudar.io** **Uzbekistan**  
○ *Front-end Developer* *May 2021 – July 2021*  
Instrumental in creating the dataset utilized in training a deep learning model designed to identify harmful pests in agriculture, leveraging advanced image recognition techniques.
- Ministry of Education of the Republic of Uzbekistan** **Uzbekistan**  
○ *Content Creator* *May 2020 – May 2021*  
Excelled as a content creator, crafting computer science books for secondary education and producing diverse tutorials on Python, JavaScript, and HTML/CSS.  
Recognized for outstanding contributions and awarded a certificate for exceptional work in content creation for computer science education.

## Education

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### Academic Qualifications

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- Inha University in Tashkent, Inha University** **Uzbekistan**  
- *BSc Computer Science and Engineering, GPA: 4.36/4.5, Rank: 4/206* *2019–2023*

### Awards & Publications

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- **mGovAward 2022** 'Best mobile application for the government'  
Won first place with Tahrirchi and secured a **50k\$** grant
- **Ministry of Innovation** 'Best research project for the development of the Uzbek language'  
Won first place as the best research project for the development of Uzbek with Tahrirchi.
- **WordNet for Uzbek:** 'UZWORDNET: A Lexical-Semantic Database for the Uzbek Language'  
Responsibilities were reviewing related articles as well as writing the background of Uzbek, its history and linguistic features.

## Skills

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- **NLP:** Grammatical Error Correction, Large Language Models
- **Software:** PyTorch, NumPy, Angular, OpenFST
- **Languages:** Python, C, TypeScript, C++, Kotlin, Lisp