

# Tozhimukhammedov Asadbek

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I am a fast learner and easily find a common language with people and can quickly join a new project. Also, thanks to a good fundamental education in mathematics and theoretical computer science, I have high professional skills and can solve problems of high complexity. I also try to teach some subjects in order to constantly improve my skills. The most interesting areas of programming for me are concurrency and distributed systems.

## WORK EXPERIENCE

Yandex

**Golang developer(Intern)**

Setting up load testing for a highly loaded service. Working with Team-City, Yandex Cloud S3 Storage, Yandex Cloud Monitoring, Yandex Database, Yandex Cloud Load Testing. A module has been written to raise the load testing infrastructure and automate the entire process.

JULY 2023 – NOVEMBER 2023

MIPT

**Programming Teacher**

I worked as a teacher at the ZFTSH MIPT for grades 9-11, taught students programming languages Python, C++. I was making up the tasks for the entrance test at the ZFTSH in computer science. Also I worked as an assistant in courses on C++, Algorithms and data structures for 1st year students at MIPT, where I conducted a code review for students.

DECEMBER 2022 – JANUARY 2024

## PET PROJECTS

**Sectrets Keeper**

A service for sending messages that can be read one time during a given time. The service is written in golang, using the Gin framework and Redis as a database, for quick access to messages.

**Music Shop**

The backend of the marketplace for music trading. The service is written in Golang using the Gin framework and PostgreSQL as a database.

**Text Reproducer**

Desktop application for text playback (if you are too lazy to read a long text). The application is written in Python using the tkinter framework.

## EDUCATION

2021 – 2025

**3rd year student**

APPLIED MATHEMATICS AND COMPUTER SCIENCE  
Moscow Institute of Physics and Technology

## SKILLS

TECH STACK    Go, C/C++, Python,  
SQL, Bash, Git, Docker  
Linux, Cuncurrency

LIBRARIES    Gin, Flask, Django, Tkinter, MPI  
DATABASES    Redis, PostgreSQL, YDB(Serverless)

## COURSES

MIPT    Algorithms and Data Structures  
C++/Python  
Computer architecture and Operating systems  
Theory and practice of Concurrency  
Parallel and distributed computing  
Databases  
Theory and practice of concurrency

## INTERESTS

PROGRAMMING    Big fan of multithreaded/multiprocess  
programming(concurrency)