

Abubakr Usmanov

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EDUCATION

- Moscow Institute of Physics and Technology** Moscow, Russia
Bachelor of Phystech School of Applied Mathematics and Computer Science *Sept. 2019 - Aug. 2024*

EXPERIENCE

- Huawei Russian Research Institute** Moscow, Russia
Intern, Radio and Telecommunication Lab *August 2022 - December 2022*

MATLAB

 - Optimization of Precoder Matrix Indicators(PMI) in 5G NR channels.

- HumoLab** Dushanbe, Tajikistan
Golang Backend Developer Intern *June 2023 - August 2023*

Golang PostgreSQL Docker

TEACHING EXPERIENCE

- Moscow Institute of Physics and Technology** Moscow, Russia
Assistant in MIPT Math Olympiad School *June 2021 - July 2021*

Algebra Combinatorics Geometry Number Theory
- TRBSL "Hotam and P.V"** Gissar, Tajikistan
Teacher of Mathematics and Informatics olympiad teams *December 2022 - June 2023*

Algebra Combinatorics Geometry Number Theory C++ Algorithms and Data Structures

PROJECTS

- Rest Api Server** Moscow, Russia

Golang

Jul. 2023

This project involves the development of a Rest Api server using the sqlx repository and "net/http" package.
- Unix Commands** Moscow, Russia

C

Nov. 2020 - Jan. 2021

This project aims to develop a set of essential Unix commands.
These commands will facilitate efficient navigation of the file system, provide user and group identity information, and list the contents of directories.
- Data Structures Implementation** Moscow, Russia

C++

Sep. 2019 - Dec. 2019

Implemented most common data structures in C++: Linked list, Binary Tree, Hash Map and etc.
The goal was to implement and solve a problem with the data structure.

ACHIEVEMENTS

- Junior Balkan Mathematical Olympiad – Silver medal** June 2015
About 106 participants from 19 countries. *Belgrade, Serbia*
- International Zhautykov Olympiad – Bronze medal** January 2017
About 200 participants from 19 countries. *Almaty, Kazakhstan*
- National Olympiad of Tajikistan – Gold medal** July 2017
About 100 participants *Dushanbe, Tajikistan*
- India International Mathematical Competition – Gold medal(individual), Gold medal(team)** July 2017
About 300 participants from 20 countries. *Lucknow, India*
- International Zhautykov Olympiad – Gold medal** January 2018
About 200 participants from 19 countries. *Almaty, Kazakhstan*
- International Mathematical Olympiad – Bronze medal** July 2018
653 participants from 107 countries. *Cluj-Napoca, Romania*

PROGRAMMING SKILLS

- Languages:** C/C++, Golang.
- Technologies:** SQL, Postgres, Docker, Git, MATLAB, L^AT_EX.
- Knowledge:** Algorithms, Data Structures, Machine Learning, Linear Algebra, Mathematical Statistics.