ALEXEY KUZNETSOV

+7(909) 361-5745 ◇ Moscow, Russia

kkuzaalexey@gmail.com ◇ [@kuzalexey](https://t.me/kuzalexey)

EDUCATION

Moscow State University   Moscow, Russia
Bachelor in Applied Mathematics and Information Science, 4.8/5   Sep. 2020 - Present
SHAD
Big data infrastructure   Sep. 2023 - Present
Relevant courses: Operating Systems, Algorithms and Algorithmic languages,
Scalability and synchronization of systems, Computer Architecture,
Assembler/C/C++ practice, Linear algebra, Discrete math

SKILLS

Languages	Go, Bash, C, C++, Python, SQL
General	Kafka, Kubernetes, Nomad, Postgresql, Cassandra, Redis, Unix, Git

WORK

Tinkoff, Various highly loaded invest projects   2021 - now

- Internal Exchange.
- Trading bot.
- P2P trading.
- Master-project, for unites our projects.

PROJECTS

Nb-iot-button   GitHub

- Creating a server for interaction.
- Telegram-bot implementation.
- Creating a phone call and sending sms to a user.
- Web server for the client. Storing statistics about the user and device.

Implementation of set intersections   GitHub

- Creation of a good and fast heuristic algorithm for the distribution of people into groups.

Prediction of chemical properties (ML)   GitHub

- Predicting the finite density of material based on given attributes using machine learning methods.

ACHIEVMENTS

- ITMO Open Olympiad, MSU Olympiad - ***Winner***. All-Russian Team Open Olympiad - ***Prizewinner***.   2020
- ICPC Moscow Regional Contest, ICPC Northern Eurasia Finals - ***Prizewinner***.   2021
- ICPC Moscow Regional Contest, ICPC Southern and Volga Russia Qualifier, RuCode - ***Prizewinner***.   2022
- Hackathon MTS - ***3-rd place award***.   2022

EXTRA-CURRICULAR ACTIVITIES

- A teacher at a summer computer camp.(olympiad programming)   Summer - 2021

- Teacher at the Olympiad School.(olympiad programming) 2021-2022
- *Participant of joint scientific seminar INM RAS - Huawei. Huawei scholarship, autumn 2021.*

COMPETITIVE PROGRAMMING PLATFORMS

- Codeforces, current rating - 2035
- Kaggle