

ALEXEY KUZNETSOV

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EDUCATION

Moscow State University

Moscow, Russia

Bachelor in Applied Mathematics and Information Science, 4.55/5

Sep. 2020 - Present

Relevant courses: Operating Systems, Algorithms and Algorithmic languages, Computer Architecture

Assembler/C/C++ practice, Linear algebra, Discrete math, Probability theory and Math statistics

SKILLS

Languages Assembler, C, C++, Python, SQL

General Unix, Git, LaTeX

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.

ACHIEVEMENTS

- 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](#)