

# FEDOR KUYANOV

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## Education

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### Higher School of Economics

*Bachelor in Computer Science, GPA 9.81/10*

September 2020 – July 2024

*Moscow, Russia*

### Summer schools

- Contemporary Mathematics (2019)
- Summer Conference of the International Mathematical Tournament of Towns (2018)

## Work experience

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### Yandex

May 2021 – August 2021

*Software Engineer Intern*

*Moscow, Russia*

- Member of the team responsible for the quality of Yandex voice assistant Alice.
- Enhanced scenario classification by adding new factors and adapting learning process for different devices.

### Moscow State School №57

February 2021 – March 2021

*Teaching assistant*

*Moscow, Russia*

- Assisted math analysis in Moscow State School №57, one of the best mathematical schools in Russia.

### Summer informatics workshop

June 2020

*Coach*

*Moscow, Russia*

- Prepared practice contests and tutorials for Russian national team candidates.

### Other

- Jury member of All-Russian Olympiad in Mathematics (regional stage) and Matprazdnik.

## Conferences

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- 29th International Scientific Conference "Lomonosov" (2022), Number-Theoretic Properties of the Wave Function in Feynman Checkers Model

## Projects

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Fejudge | *Python, Linux kernel*

September 2021

- This is a management system for programming contests with a nice web interface.
- It uses several Linux kernel features and supports simultaneous evaluation of solutions on different machines.

TheTrueHat | *JavaScript, Vue*

August 2021

- This project allows you to play the Hat (Alias) game from your browser.

Kotline | *Kotlin, React*

January 2021

- This is a geometric puzzle where you must build the longest non-self-intersecting polygonal chain from start to end.
- Also contains a mode allowing you to find the best solution automatically.

## Skills & interests

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- **Programming languages:** C/C++, Python, Kotlin, HTML/CSS, JavaScript, Bash, SQL
- **Libraries & frameworks:** QT, numpy, pytorch, Flask, React, Vue
- **Tools:** CI/CD, git, docker, gdb, cmake
- **Interested in:** discrete math, theoretical computer science

## Awards

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- Has been awarded Ilya Segalovich Scholarship, the top award of Computer Science Faculty, HSE (2022)

## Olympiad achievements

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- Gold medal at IMC 2021
- Silver medal at Semifinal ICPC 2020, NERC
- Winner of several inter-university math competitions: NCUMC, OMOUS, MIPT, OSAM Comp'21
- Prize-winner of the All-Russian Olympiad in Mathematics (2018, 2019, 2020)
- Winner of the All-Russian Olympiad in Informatics (2018), prize-winner in 2017, 2019, 2020
- 6 times winner of the International Mathematical Tournament of Towns (2014 - 2019)

## Languages

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- English: C1 (IELTS 7.0)
- Russian: Native speaker