FEDOR KUYANOV

Moscow, Russia

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Education

Higher School of Economics   **September 2020 – July 2024**
Bachelor in Computer Science, GPA 9.81/10   *Moscow, Russia*

Summer schools
- Contemporary Mathematics (2019)
- Summer conference of the International mathematical Tournament of towns (2018)

Work experience

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.
- As a result, the classifier's quality had been improved on some devices by 30%.

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

- Moscow Mathematical Conference of High School Students (2017), Non-standard solution of a geometric problem

Projects

Fejudge | *Python, Linux kernel*   **September 2021**
- This is a contest management system with a web interface.
- It uses several Linux kernel features and supports simultaneous evaluation of solutions on different machines.

TheTrueHat | *JavaScript*   **August 2021**
- This project allows you to play the Hat (Alias) game from your browser.

JaggedLine | *Kotlin*   **January 2021**
- This is a geometric puzzle, in which you must build the longest non-self-intersecting polygonal chain from start to end.
- Also contains a mode which allows you to find the best solution automatically.

Skills & interests

- **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

Olympiad achievements

- 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)
- 6 times winner of the International mathematical Tournament of towns (2014 - 2019)

Languages

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