

FEDOR KUYANOV

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Education

Higher School of Economics

Bachelor in Computer Science, GPA 9.81/10

September 2020 – July 2024

Moscow, Russia

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.
- Added tests to ensure classifier's validity.
- Ran an experiment on real users to measure its quality.
- As a result, the classifier's quality had been improved on some devices by 30%.

Projects

Fejudge | *Python, Linux kernel*

September 2021

- This is a contest management system, like Topcoder or Codeforces.
- It uses several Linux kernel features and supports simultaneous evaluation of solutions on different machines.
- Also provides a nice web interface for participants.

TheTrueHat | *JavaScript*

August 2021

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

Kotline | *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.

Examiner | *Python, QT*

September 2019

- The purpose of this project is to build a platform to automate school exams.
- Provides UIs for students and teachers and enables automatic verification of various tasks.

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
- **Computer science skills:** advanced algorithms & data structures – studied since 2016 for programming competitions
- **Mathematical skills:** linear algebra and geometry, discrete math, probability theory, math analysis
- **Interested in:** theoretical computer science, high-load systems, web-servers, front-end (a little)

Olympiad achievements

- Gold medal at IMC 2021
- Silver medal at Semifinal ICPC 2020, NERC
- 1st place at the All-Russian Team Olympiad in Informatics (2018-2019)
- Winner of the All-Russian Olympiad in Informatics (2018)
- Codeforces

Languages

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

Hobbies

- Railway modelling, Lego
- Chess, speed-cubing (3x3, 36 secs), ping-pong
- Classical piano – finished 8-year Gnesin music school and performed with the orchestra, YouTube, winner of Moscow and international piano competitions