

Yaroslav Kulagin

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EDUCATION

HSE

MASTER'S PROGRAMME INTERNET OF THINGS AND CYBER-PHYSICAL SYSTEMS

Expected Jun 2025 | Moscow, Russia

ITMO UNIVERSITY

BACHELOR OF COMPUTER SCIENCE
Graduated Jun 2023 | Saint Petersburg, Russia

LYCEUM 14

Graduated May 2019 with gold medal
Tambov, Russia

"YANDEX LYCEUM"

Graduated after 2 years of education

SKILLS

PROGRAMMING LANGUAGES

Intermediate

C/C++ • Python • Java • Go

Novice

Haskell • Kotlin • Go • Clojure •

JavaScript

TECHNOLOGIES

Collaborative development

Git • Github • Gitlab

Databases

MongoDB • SQL(Postgres, SQLite, MySQL) • YDB

Other

Kafka • Docker • S3

LANGUAGES

- Russian — Native
- English — B2

CODING EXPERIENCE

- Python: I gained my entire Machine Learning experience using this language. I have experience with tensorflow, numpy, and scikit-learn. Wrote games using pygame, communicated with telegram api and yandex maps. Created mafia bot in vk.
- Java: I studied it in overall for 7 years and use it in my work at Dzen, where I am developing highload web application. My knowledge consists of Java core, Collections, Reflection, Network, Concurrency, OOP, Unit testing (JUnit), Testcontainers and so on. Thanks to my job, I have a good expertise in CI/CD GitHub/Gitlab, JUnit and Testcontainers for testing code, docker for app containerization and deployment on server instances, configuring balancers to manage load on pods. Also I am familiar with logbrokers such as Kafka, that my Seo team used for work.
- Kotlin: Studied for 1 semester, at the end of which I created a client-server application: I wrote HTML and a Kotlin file generating Js, used a database for storage .pdf and hosted it all on AWS (unfortunately, the student account is no longer available and there is no access to the site, but the files are in my repository).
- C++: I studied at school from the 5th grade and at the university. I used it mainly for writing Olympiads and creating visualizations using Qt.
- Other: Writing .sh and .bat scripts, working with git, Markdown, LaTeX.

OTHER EXPERIENCE

- Middle java developer at Dzen 11.2021-NOW, where I am developing high-loaded WEB application and SEO optimizations
- Competitive programming: ICPC.
- Algorithms and Data Structures - 4 semesters: basic structures and algorithms, algorithms on graphs, tree structures, flow problem, basic knowledge of cryptography and number theory.
- Operating System and Computer Structure courses.

AWARDS

- 2020 1st — Hakaton "Hack University", case 2, team - ArrayIndexOutOfBoundsException. Certificate link
- 2020-2021, 3, 4^s terms — scholarship of the government of St. Petersburg
- 2021, 4^s term; 2022, 6^s term — scholarship of Huawei