

ALEXEY YANIN

Saint-Petersburg

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🌐 [yaninalex2003](https://github.com/yaninalex2003)

EXPERIENCE

Explyt

Auto-generation tests

04 2024 - present

Engineer

Yandex

Delivery dynamic pricing group

08 2023 - 11 2023

Analyst - trainee

- improved key quality metrics using A/B tests

- systematized information about factors influencing the price and added new ones

Huawei Russian Research Institute

Software Engineering and Verification Technology Laboratory

04 2022 - 07 2023

Engineer-assistant

- implemented a parallel algorithms in C++ on graphs from scratch

- implemented efficient queries to graph databases from scratch

- added new features for automatic code refactoring

Olympiad Mathematics Teacher

2020 - present

EDUCATION

Physics and mathematical school of Tyumen region

2015 - 2021

Saint-Petersburg State University

2021 - 2025

Bachelor of Math and Computer science

PROJECTS

Self-avoiding wandering

05 2021

May Project Program in Mathematics and Theoretical Computer Science in 'Sirius'

Restaurant dish matcher

05 2024

Dish names generator and matcher based on vector db and convex optimization

Native advertising detector

04 2024

Yandex ML Student Camp project - lstm based advertisement classifier

Huffman Archiver

05 2023

C++ educational project - archiver and unarchiver based on Huffman algorithm

Sport management system

12 2021

Kotlin educational project - system for convenient management of sports competitions with UI

SKILLS

Programming Languages: C/C++, Python, Kotlin, JS/TS

Databases: SQL, ArangoQL, CypherQL

General: Linux, Git, LaTeX, DataLens

Data science: numpy, pandas, scikit-learn, pytorch, matplotlib, cvxpy,

Languages: Russian(Native), English(Upper-Intermediate)

ACHIEVEMENTS

Final of the All-Russian National Olympiad in Mathematics - Prize Winner 2021

Regional stage of the All-Russian National Olympiad in Mathematics - Winner 2021 , Winner 2020 , Winner 2019 , Winner 2018

Regional stage of the All-Russian National Olympiad in Informatics - Prize Winner 2021 , Prize Winner 2020

And others - Diplomas

EXTRA EDUCATION

Yandex ML Student Camp - 2024

Summer School "Modern Mathematics" - 2021

October Mathematical Education Program in "Sirius" - 2020 , 2019 , 2018

September Physics Education Program in "Sirius" - 2018

January Scientific School in Mathematics and Programming in "Sirius" - 2021

OTHER

I love and practice all kinds of sports :)